HOLSTEIN-FRIESIAN WORLD

WESTERN EDITION

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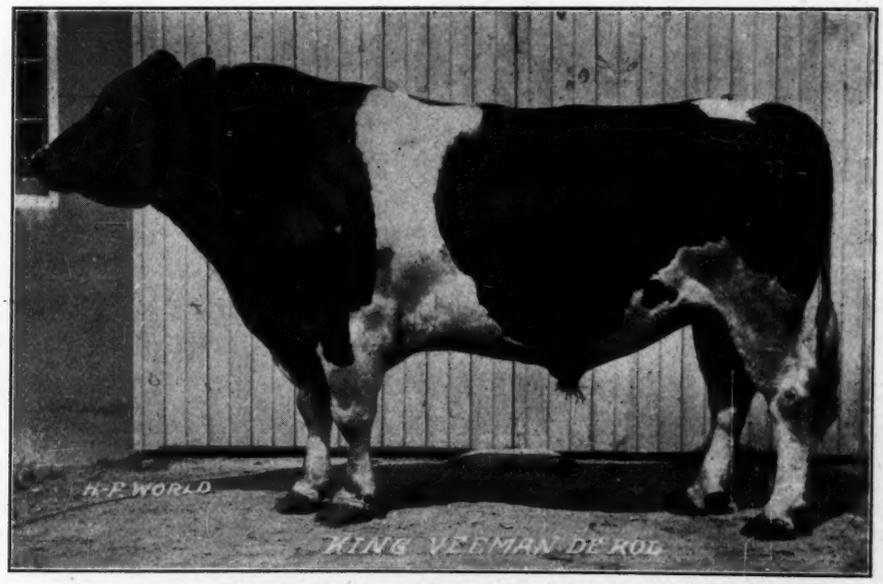


KING VEEMAN DE KOL 36819.
He has 47 A. R. O. daughters: Mona Veeman 33.76 lbs. butter; Elenor Veeman 32.64 lbs. butter; Baron Mona Pauline 2d 27.02 lbs. butter; Countess De Kol Aaggie 2d 26.20 lbs. butter; Veeman Posch 25.24 lbs. butter. Owner, Kutschbach & Bullis, Sherburne, New York.

New York State Breeders' Sale Company

MAY 5-6 AT SYRACUSE, N. Y.

Our consignment to this sale includes nine cows and heifers, all under five years old. Six are daughters of Maike de Kol Prince, whose first daughter to be tested has made over twenty-two pounds of butter in seven days. Others are now in test. This sire has a large number of daughters, and his number of tested daughters is bound to be a large one.

Now is the time to buy these heifers as they will increase in value.

Bonalevo Farms

R. E. CHAPIN & SON Box C Batavia, N. Y.

A BULL GIVEN AWAY

Whose 11 Dams Records Average 30-lbs

The member of the Holstein-Friesian Association of America (or anyone, who has or will make application and pay membership fee, before date of sale) who makes the nearest estimate to the selling price of the young bull, King Walker Champion, that is to be sold at Earlville, N. Y., May 8th, WINS A SON OF KING OF THE BLACK AND WHITES AND ABBY HARTOG CLOTHILDE 2D, A 27-LB. FOUR-YEAR-OLD DAUGHTER OF ABBY HARTOG CLOTHILDE, RECORD 31.39 LBS.

King Walker Champion, IS THE ONLY BULL OF THE BREED, WHOSE DAM, GRANDDAM, GREAT GRANDDAM and SIRE'S DAM, GRANDDAM and GREAT GRANDDAM ARE ALL 30-LB. COWS.

He is handsomely marked, and individually as good as his breeding.

COME AND SEE THIS GREAT CALF SOLD AND WIN A PRIZE THAT WILL PAY YOU MANY TIMES FOR YOUR TROUBLE.

A. A. Hartshorn Holstein Co.

Hamilton, New York

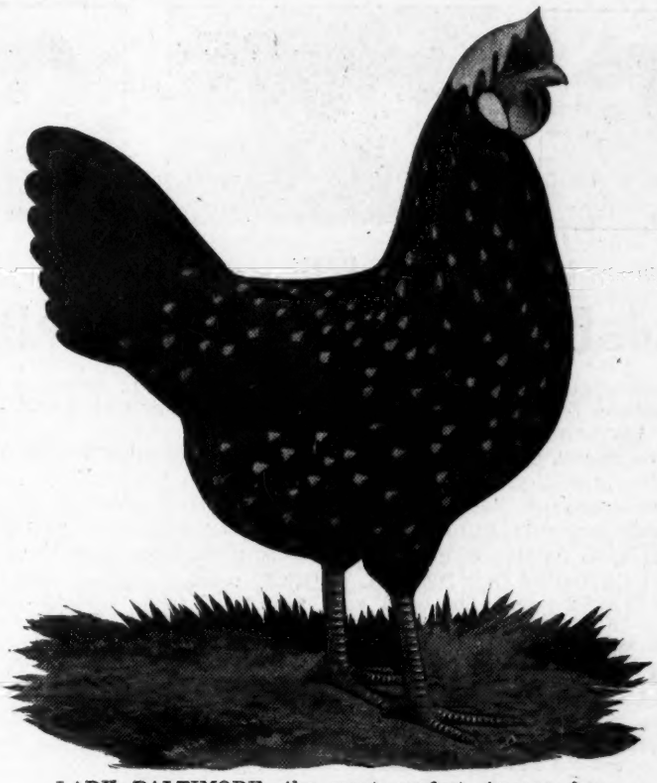
MEADOW-BROOK FARM HOLSTEINS

We offer four beautifully marked royally bred heifers, 3 months old — send for description and prices. To those that are breeding great producing Holstein - Friesians we would recommend our poultry bred along the same lines.

Anconas — that lay from 241 to 289 eggs a year.

Buttercups — the great winter laying breed that record from 255 to 314 eggs a year.

S. C. White Leghrns — trap nested here for years with records up to 286 eggs.



LADY BALTIMORE—the most perfect Ancona hen ever bred. She is a wonderful show bird and a wonderful layer. From Nov. 1st, 1912, to Nov. 1st, 1913, she laid 289 eggs and laid 137 eggs from Nov. 1st to March 1st. She is in Pen 1.

S. C. Blk. Minorcas — Northrup's great white egg strain, that laid for us from 231 to 275 eggs a year.

These 4 breeds of fowl have been egg bred from trap nest records here for years — bred for business from actual test.

White Indian Runner Ducks — the erect racy English typed bird that lay enormous white eggs and every duck has laid for us all winter — outside about six weeks in the fall; these ducks will lay an egg apiece a day. They are kept at a very low cost — and are money makers.

Meadowbrook Farm

Box 42

Cambridge, N.Y.

KING MASTER No. 117183

ONE OF THE BEST BRED HOLSTEIN BULLS ALIVE

Individually, he is considered by Breeders **"Who Know"** as one of the best; having all of the qualifications of a prize-winner and breeding backed by known transmitting ancestry.

His sire, **King of Kings,** whose only daughter to be tested has a senior two-year-old record of 23.39 lbs. butter in 7 days.

His dam, **Aaggie Pauline Sarcastic,** with a record of 36.35 of butter in 7 days, average per cent fat **4.69;** and **134.95** of butter in 30 days, average per cent fat **4.29;** is one of the World's Record cows. She is the highest record show cow in the world; this proving conclusively her superior excellence in every respect.

His grandsire, **Lord Netherland De Kol,** has more A. R. O. daughters and more producing daughters than any other sire, living or dead.

His granddam, **Susie Hengerveld De Kol,** with a record of 27.62 of butter in 7 days, average 5.12 per cent; is the dam of three A. R. O. daughters; her record, when made, was the world's record. This is one of the few really great foundation cows, rich in the blood of the World's Record cows, **De Kol 2nd,** 26.57 of butter and **Susie De Kol,** 25.30 of butter.

As stated by a prominent Holstein breeder: "What goes into an animal through its ancestors will come out through its descendants." Therefore, from the breeding above outlined, is it not convincing evidence that **KING MASTER** is the **PREMIER BRED BULL?**

Service, to Insure a Live Calf, $150.00

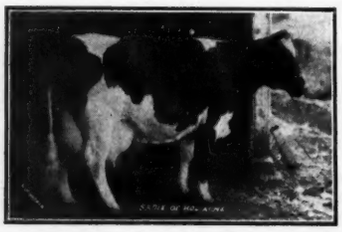
Do some of you breeders need high record young bulls to build up your herds? If so, write us. We have them

GREEN ACRE FARMS

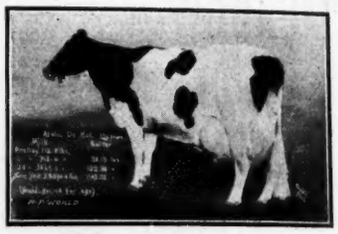
John A. Miller, Prop.
NAZARETH, PA.

Calvin Tobias, Supt.
R. F. D. No. 3, NAZARETH, PA.

DAM'S DAM



DAM



SIRE'S DAM

1037-Pounds Butter Average for Three Dams-1037

It is seldom, indeed, that breeders are afforded an opportunity to secure a bull calf, possessing every desirable qualification for a herd sire. It is a pleasure to offer such a calf, knowing that he will, in every way, fulfill the expectations of the purchaser.

He combines in the closest manner INDIVIDUALITY, PERSISTENT PRODUCTION and PREPOTENCY.

His 3 nearest dams average: 1037.72 pounds butter, 25,306.3 pounds milk in 1 year, 29.22 pounds butter, 743.5 pounds milk in 7 days, 110.7 pounds milk in 1 day, and 3071.5 pounds milk in 30 days.

Dam—SADIE DE KOL ACME, 885.73 pounds butter 19002.6 pounds milk at four years 3 months.

Dam's Dam—RIVERSIDE SADIE DE KOL BURKE, world's greatest milk cow. One year 28,826.4 pounds, 2 years 54,808.2 pounds, butter 1 year 1085.13, 2 years 2065.29 pounds, average for 7 days 131.5 pounds, for 30 days 125.7 pounds for 6 months 100.4 pounds.

Sire—ARALIA KING—His first daughter in milk made 20.56 pounds at 2 years 4 months.

Sire's Dam—ARALIA DE KOL—The first 28,000 pound cow and world's yearly milk and butter record for age. Butter 1142.32, milk 28090 in her 12th year. Eight months after calving, milk 596.1, butter 24.995. At 12½ years, milk 742.3, butter 30.14, 30 days 122.30, milk 3069.1. Two consecutive years butter 2103 lbs., milk 50,993 lbs. Three daughters with large records, a junior 2-year-old with 773 pounds and a two-year-old now in test has 21.25 and gaining.

A. W. MORRIS & SONS CORPORATION, WOODLAND, CAL.

Want Ad Column

$1.00 per insertion. Send price with copy.

WANTED

Am in want of a few extra good show animals for the Fall Fairs. Let me know what you have Could also use 20 registered heifers.

C. E. GESCHWIND,

1452 Elm St., Youngstotwn O.

WANTED AT ONCE—A single man as herdsman, to handle a herd of registered Holstein cattle. An experienced man who is a good calf raiser, must understand the feeding and handling of cows for official records, must be temperate and industrious, one who is steady and reliable. Give full information as to age, experience and wages expected in first letter. Address **Holstein-Friesian World, Lacona, N. Y.**

WANTED

Having just bought Johanna King Segis 71964, we want to sell our young herd sire, Fryslan Wadnah 107053, 17 months old. Dam, Daisy Wadnah 31.62 lbs. 5-year-old. 5.30 per cent fat. Champion cow of Indiana. A show bull and first check for $400 gets him.

HOUSLET & McNUTT, Oxford, Wis.

Bond Century Farm
Canastota, N. Y.

Grandsons of King of the Pontiacs from A. R. O. dams for sale. Address **W. E. Bond, Potsdam, N. Y.,** or call at the farm.

W. A. HOTCHKISS, Mgr.

Jenningshurst Stock Farm

Home of RAG APPLE KORNDYKE, the greatest son of PONTIAC KORNDYKE, offers a few choice bull calves.

W. W. JENNINGS TOWANDA, PENN.

BULL READY FOR SERVICE—PRICE $500.

Bull half brother to Lockhart Lilith. Her dam and the dam of Lockhart De Kol are the only two full sisters that have each produced a thirty-lb. three-year-old. Write for particulars.

LOCKHART HOLSTEIN FARM,

Eugene La Munion, Solsville, New York.

HERD SIRES

Korndyke Pontiac Pet, No. 55995 — Sire, Pontiac Korndyke. Dam, Pontiac Pet. Butter, 37.6b.

Clarissa Pietertje Ponto, No. 73616 — Sire, Lewis Prilly Rouble Hartog. Dam, Clarissa Clothilde Pietertje. Butter, 32.52.

ISAAC DALRYMPLE & SON OTSELIC, N. Y.

SIR FAIRVIEW MANOR KORNDYKE

is a son of **PONTIAC KORNDYKE** and Fairview Manor Korndyke (27.82 lbs. at 3 years), who was also by Pontiac Korndyke, and from a 24-lb. dam.

We can now offer bull calves by this sire from A. R. O. dams.

R. C. WILSON & SON,

St. Lawrence Valley Farms, Constable, New York.

Holstein-Friesian World

VOL. XI. MADISON, WISCONSIN, MAY 2, 1914. NO. 18.

The 7 and 30 day Official Test vs. 365 day Semi-Official Test

By N. A. Cole, of Cole Brothers Company, Ypsilanti, in Michgan Dairy Farmer

So much has of late been said and written relative to the comparative value of the official short-time test and the so-called semi-official 365-day test that possibly I may be unable to add anything new relative to this subject. However, as sometimes old ideas in new dress make interesting reading, I hazard a few ideas on this question, now of such vital interest to the breeders of pure-bred Holstein-Friesian cattle.

That the 7 and 30-day official tests have been of great value to the Holstein-Friesian breeding industry in this country it would seem quite unnecessary to have to offer any proof. Yet in a recent issue of The Breeders Gazette a compendium of opinions from many western breeders and dealers was published, among which a goodly number were severe in their condemnation of the short time official tests; some taking the stand that this test resulted in injury, if not in cruelty, to the animal officially tested, while others expressed the opinion that the official 7 and 30-day records were not reliable in showing the actual producing ability of the cow.

All will agree that the progress made by the Holstein-Friesian breed of cattle in America has been little short of phenomenal, that today the Holstein-Friesion cow has so far outclassed in achievement and popularity all other dairy breeds of cattle that any comparison or proof is un-called for. The demand is much greater than the supply, the prices offered and paid for Holstein-Friesians continually mount upward at every public or private sale. It has been stated and, we believe, on the best of evidence, that if every female Holstein-Friesian now owned east of Chicago were shipped west, the demand in the west would still remain unsupplied.

What has caused this unprecedented demand for Holstein-Friesian cattle? What has created this value?

All breeders, I believe, will agree that the Holstein-Friesian cow has created her wonderful value and popularity by her actual achievements as shown by the unequalled official milk and butter records she has made. Now, as the so-called semi-official 365-day testing has but recently started among the Holstein-Friesian breeders and has been confined to but very few, then it has been the 7 and 30-day official tests or records that have really made the Holstein-Friesian cow what she is in this country today—that has actually created and continually increased her value. Farther proof of this is indicated from the fact that, with hardly an exception, every Holstein-Friesian that has been sold at an extraordinary price; reaching recently to the top price of $15,000 for one animal, has been backed up by official 7 and 30-day records. While at every public sale throughout the country where the 7 or 7 and 30-day official records appeared in the pedigree large prices were commanded.

Does it not seem strange, even unfair and ungrateful, that any breeder or dealer in Holstein-Friesians, who has been profiting beyond measure from the high prices his cattle have brought, should thus come out and try to condemn the system of official testing that has actually created the prices he has received, Is it right that he should seek to discredit the system of testing that alone has thus far made the Holstein-Friesian the world's greatest dairy cow and the breeding of her the greatest of dairy industries?

As to their claim that the short-time official testing causes injury to the cow, the results appear to emphatically disprove it. Take, for instance, any of the leading families or strains of the breed, like the De Kol, Hengerveld and Korndyke, that have produced a goodly portion of the largest official record animals of the breed, and we find that the animals with the large A. R. O. records, almost invariably, have pedigrees showing a long line of ancestors with uniformly large official records. If the official test actually injured the animal, her or his progeny would not continue showing still larger official records.

The fact remains that the great majority of high-record animals are bred from large A. R. O.-record ancestry. It only proves that these cows, like the athlete, are the result of training and development; that the 7 and 30-day official work has developed their capacity in the same manner that a man's mind and muscle are developed by proper use. No doubt injury has resulted in some cases, possibly many in the aggregate, brought about through error or abuse; but abuse or error cannot furnish an excuse for condemning anything, as anything may be abused. Our experience at Ypsiland Farms has been, with possibly an exception here and there, that every female officially tested has been developed and improved thereby, and the continued increased official records, made year after year with the same animal, as in the case of Pontiac De Nijlander and many others in our stables, only proves the contention.

As the large official record animals are bred from officially-tested ancestry, it farther proves the advantage and value of A. R. O. records as a guide in selecting young sires and heifers for the making of the future herd. If the A. R. O. records were not dependable, this would not be true. Finally, with our present A. R. O. testing under the ever-watchful care of our superintendent of advanced registry, Malcolm H. Gardner, who has and is placing around the system

every possible safeguard, there can be no grounds for doubt or fear as to the absolute reliability of the official A. R. O. test. So much for the 7 and 30-day official test.

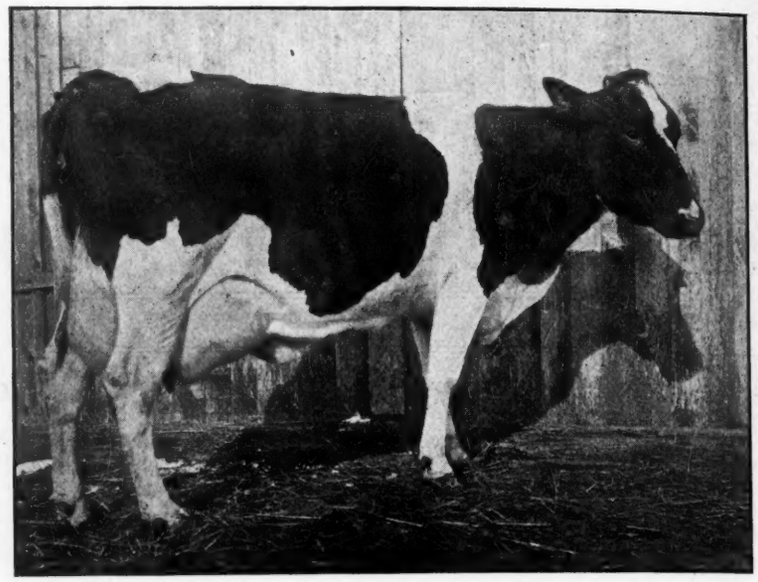
A few words about the so-called "semi-official" 365-day test. What are its advantages or results, if any, over the short-time official test? What are its disadvantages, if any? This test has been advocated by some because our fellow Jersey breeders have depended upon and utilized it for years, but from the progress they have made one would not have great cause to enthuse. Hence, this phase of the subject needs no further comment.

It is advocated by others who believe because we milk the cow thruout her lactation period, we should know her qualities for persistency in milk production. We are heartily in sympathy with and believe in ascertaining the duration of the cow's natural lactation period and her milk producing persistency during this period. The vital question to settle is whether or not the so-called semi-official 365-day test is the correct or more profitable method of ascertaining the persistency or the true length of the cow's natural lactation period. That it is, I have not as yet been convinced. In fact I have thus far been unable to convince myself that the 365 day semi-official test is the correct method or results for the best interests of the breed or breeders. I am giving here a few of the objections that have forced themselves upon me, and, if in error, I sincerely hope some fellow-breeder will set me right.

In the first place, the most profitable end of this purebred cattle business comes from the actual increase of the herd. This condition must continue so long as the present high prices for Holstein-Friesians prevail; as long as the supply does not meet the demand. This being a plain business proposition, it is assumed all agree.

Now the cow naturally grows the fetus and gives birth to a living calf in less than 365 days from date of her last-born. This calf in the purebred animal is worth far more to the owner of the cow than the few additional months of milk production would be, in fact is worth more than the milk from her entire natural lactation period.

All breeders know that while growing this fetus the mother's strength and vitality is taxed, for from her own blood she supplies the blood that grows the fetus, and that the better the condition of the cow during this gestation period, the greater will be



HAZEL LOCKHART HEEGSTRA 82479
Butter 25.78; milk 509.2 in 7 day. Consigned to Madison-Chenango Sale by Eugene LaMunion, Solsville, N. Y.

the vitality of the calf. This vitality more than all other qualities combined, determines the future capability of the offspring as a sire to produce future herds or a cow for foundation stock (all female purebred Holstein-Friesians are foundation stock and will continue to be as long as the supply is unequal to demand.) Hence every cow during this period of gestation requires and should have for her own good, for the interest of her owner, for the good of her unborn calf and future generations—in fact for the good of the breed—should have a period of complete rest from producing milk for several weeks, at least, before calving.

Consequently to require a cow to continue to give the greatest possible flow of milk for 365 consecutive days appears to me to be entirely wrong because unnatural; and most unprofitable because it robs the owner of the cow of as many offspring or of as valuable offspring as the cow would otherwise produce. She is not only deprived of the opportunity of producing another calf within the year, as nature intended and the interest of all concerned require, but if she produces a calf at or anywhere near the end of her 365 days of constant production, the strain and tax on her body from the prolonged flow and from the growing fetus must result in either injury to herself or to her calf and a loss to future generations. I understand that Colantha 4th's Johanna never produced a living calf after she made her yearly record. If this is so, how much was gained thereby? As much as the value of several generations of healthy sons and daughters would have been? I know of no son or daughter of any world's yearly record cow, born after she made her yearly record, that has ever accomplished any thing worth while.

Let us assume that the adocates of the 365-day semi-official test should prevail in substituting that test for the 7 and 30-day test; that the year's test should become as general among the breeders of this country as is the short-time test at the present time. What would necessarily be the result? It should be evident that as every cow put through the 365-day test could not have a calf within the year, or a vigorous, healthy calf for several months thereafter, that the increase from the best females would be greatly reduced. At the same time the increase from the less capable, untested females would remain normal. This condition would result in financial loss to the breeder who engages in semi-official testing because he secures fewer offspring from these cows. It also reduces the supply of offspsring from these animals that is much needed to furnish high-testing blood for other herds.

Another objection to the 365-day semi-official test has occurred to me. The Holstein-Friesian cow has been and is, as yet, pre-eminently the cow of and for the people. She is in every way a democratic cow, a cow for the common farmer as well as for the man of millions. She has been called "the mortgage lifter" for the man in debt and of limited means. Now this 365-day semi-official testing business is distinctly a rich man's game. This is why so many of the wealthy men

LYNDIA LOCKHART HEEGSTRA 81893
Butter 21.88; milk 588.9 in 7 days as a junior four-year-old. Consigned to Madison-Chenango Sale by Eugene LaMunion, Solsville, New York.

of the country have owned Jersey herds—as a sort of a fad or hobby—and it accounts for the fact that the world's champion yearly record Jersey cows have been owned by the rich. It has made the Jersey an aristocrat, a cow for the rich man's fancy and has literally killed her as a profitable cow for the people or the average breeder of pure bred dairy animals.

Yearly semi-official testing of Holstein-Friesians has come of recent times and with few exceptions, is confined to the large and wealthy breeders, who have the additional help and facilities for this particular work. My friend Aitken of Flint, Mich., has just announced in the columns of this paper that he is going to erect a special stable, 120x36 feet, partitioned into roomy stalls and equipped with every modern convenience to be utilized for the exclusive use of cows engaged in making 365-day records. Now Mr. Aitken, with his 700 broad acres, his large, splendid herd and ample means, can afford to pursue this game. How many of our Michigan breeders can afford to folllow his example? The average breeder and, in fact, thousands of small breeders of purebred Holstein-Friesian cattle, cannot afford to hire an efficient herdsman and his only other alternative, if he desires to do this kind of test work, is to neglect his other work in order to milk his semi-officially tested cows three times daily for 365 days in the year.

I don't like to see methods advocated or advanced that must result in taking this great country-wide Holstein-Friesian breeding industry, the most proltable end of it, out of the average and small breeders of our country and concentrate it into the hands of the more wealthy few.

The great advantage the Holstein-Friesian cow has offered as an American industry thus far, has been largely due to the fact that no concentrated power could monopolize it. Any small breeders can start in the game with a few head and develop his own with an equal chance to produce a world's record and command as good prices for his stock. This is how the Holstein-Friesian cow has become the great mortgage-lifter and so universally in demand. I don't want to see the great democratic Holstein-Friesian cow made an aristocrat for the favored few through any system that enables only the more wealthy few to reap the profits therefrom.

As above mentioned, I favor ascertaining the actual length of every cow's natural lactation period and her power for persistency, but am unable to see how the 365-day semi-official test so determines. If this method can be pursued to ascertain correctly the desired results, is it not reasonable to inquire why the test should not be carried out a length of time sufficient to cover her natural lactation period, so that she will not be deprived of producing a naturally strong and healthy calf, with out injury to herself, each year? A test to last, say, for only eight or nine months, or even less, so that the cow will have time for rest and to grow her next calf within the year to the advantage and profit of her owner.

But, is there not another method offered by our advanced registry rules that every breeder can take advantage of and employ to determine just as accurately the same results? As every breeder of cattle well knows, it is impossible to bring back for official test a cow's flow of milk at any period far advanced in her lactation unless this flow has been continuous. Hence, the 7 or 30-day official test started eight months after calving must determine the real length of the cow's lactation period and her persistency. This method not only furnishes the desired information but offers a way that all breeders who do 7 and 30-day official testing can adopt without difficulty.

During the 365-day semi-official testing, the cow is actually officially tested but once each month or but twelve times during the year. If some think 7 and 30-day official tests, where the official tester is present all the time is not reliable, what can we think of the 365-day record that has been officiallly tested but twelve times during the year.

In conclusion, the 7 and 30-day official testing has for years been carried on so extensively by Holstein-Friesian breeders throughout the country with results as above described, the competition in making records has become so great from the many engaged in the work, that a new record for either 7 or 30 days now must mean one of the breed's greatest cows.

In the 365-day semi-official testing, however, so few are doing this work, the competition is so limited and such a small percentage of the cows are thus tested that a new record for 365 days can only represent the achievement of an animal in a comparatively limited case. I would also state that if 365-day testing is to become the vogue and criterion for merit, we are in position to take it up at any time. I mention this to show that I am not writing this article from any selfish standpoint but from the point of greatest interest to the great Holstein-Friesian breed. I am for whatever is for the best interest of the Holstein-Friesian cow. If in error I should like to be enlightened.

"I don't care to miss a single copy of the best Holstein paper in the World."—P. J. Taylor, Bruces Crossing, Mich.

"Enclosed find money order for one dollar to renew subscription to the H.-F. World for a year. I couldn't think of farming without it."—Tom French, Burlington, Mich.

Studies in Animal Breeding VII.

By Prof. Vaughan, Iowa College of Agriculture

RAISING THE AVERAGE

A nation's greatness in the live stock world is determined, not by the comparatively few purebred animals which it may have, but by the average value of all the animals within its borders.

Persons interested in live stock work desire to see the average value of all kinds of farm animals increased to a marked degree. It is impractical to advocate that this shall be done by supplanting all common stock by purebred animals, because the latter constitute only about one percent of all our live stock. The improvement must come about through the use of purebred males on the common stock of the country.

This, then, is the function of purebred animals—to supply as many sires as possible for use on common stock. We shall make progress just so fast as farmers come to realize the value of the purebred sire and just so fast as breeders of pedigreed stock are able to send out good sires at reasonable prices.

Most breeders of pedigreed livestock recognize the part they play in live stock betterment. They are studying the demands of the open market, setting their ideals accordingly, and molding their purebred animals to this ideal. When a stallion, bull, ram or boar goes out from such a breeder to be used on the common stock of some community, the right step has been taken toward raising the average value of the animals in that community.

Hence a knowledge of market requirements is essential to the breeder of pedigreed stock, for he is engaged indirectly, but most certainly, in the production of animals for the open market. Some breeders overlook this point and with them breeding is a mere hobby. The breeder who ignores the lessons to be learned in the open market will never be able to build up an active demand for his stock. Buyers insist that a thoroughly useful animal shall accompany the pedigree, and the inferior animal, no matter how glowing his family history, does not receive approval.

Some people imagine that the breeder of purebred stock is mostly concerned with the minor or so-called "fancy" characters in the animals, but this is not true in the great majority of instances. The useful and soundly practical characters are insisted upon first of all and the minor points receive only secondary consideration.

What, then, is a purebred animal? A purebred is one eligible to registry in the book of record of that breed; second, it is an animal possessing characters which make it useful for some important special purpose; third it is descended from a long line of ancestry of the same type as itself; and fourth, being backed up by an ancestry of useful animals like itself, it has power to reproduce this useful type in its offspring.

What is a common or scrub animal? The scrub animal has no definite type and has an ancestry including animals of all shapes, sizes, colors and sorts, few if any of which were highly useful animals. If the scrub male is mated with common females like himself, he does nothing to raise the average value of our farm animals.

When the purebred male is mated with common stock he has the ability to transmit half of his characters to the offspring, and these characters will be, for the most part, highly useful ones. Hence the first cross of a purebred male on common stock gives offspring of much higher average value than the dam. In some instances, one such cross upon common stock results in improvement which seems really marvelous.

When the purebred male is crossed on common females the resulting offspring are called grades. If these grade animals are again mated with a male of the same breed as their purebred parent, or with a male of some other breed, the result will still be a grade. When common or scrub stock has been improved by three or more crosses by sires from the same breed, the resulting offspring will possess 87.5 percent or more of purebred ancestry and will be called high grades.

How much can the farmer afford to pay for a purebred male to be used in such a grading-up process? How much should be paid for a beef bull to be used on grade beef cows to produce beef for the market? The first question is too general to be answered here, but the second will be considered.

As the bull is half the herd, considerably more money should be invested in him than is represented in any one of the cows. No progress whatever will be made by using other than a purebred bull and continuing in the same breed when other herd headers are bought. The grading-up process must be continued, and where this has been done through a number of generations, herds will be found that are, for all intents and purposes, purebred, so far as production for the market is concerned.

The price the breeder is justified in paying for a bull will depend upon the conditions. Some satisfactory bulls have been bought at moderate prices. If a full quota of cows is at hand for breeding, not less than $100 should be invested in a beef bull, and more often it will be advisable to pay $200, $250, or more, rather than $100. A small increase in the value per head of one season's crop of calves by the higher-priced bull, as compared with the cheap one, will return the difference in the price of the two animals. Furthermore, when the heifer calves by the higher-priced sire are gone over with a view to keeping out certain ones for use in the breeding herd, there will result a breeding herd of higher average merit than otherwise, and improvement thereafter will be doubly fast. The man who sees no farther than first cost when purchasing a bull is surely doomed to failure. As to which breed of beef cattle to patronize when selecting a bull for grading-up work, that is a matter to be decided somewhat by the condition, but is largely a matter of personal preference. Each breed has its own special advantages and there is no best breed of beef cattle.

Fancy, purebred, registered beef cows and bulls frequently sell for $1,000, and wonder is sometimes expressed that a bull or cow can command such a price. Only when it is remembered that the sons and daughters of these high-priced animals will not be sold to the butcher, but will be used as improvers in herds that produce cattle for the butcher, is it realized that such prices do not necessarily represent a foolish waste of money. It may be several years before many descendants of such an animal reach the market, they being multiplied in the meantime; but when the market finally feels the good influence of such an animal, the benefits are lasting and society in general is repaid many times the price of the original bull or cow.

The foregoing considerations apply with equal force to the selection of a

dairy bull to be used on common dairy cows, or to the selection of a stallion, ram or boar for mating with common or grade females of their respective kinds.

Among Wisconsin farmers there has been started a purebred sire league whose members agree to use only purebred sires in all their breeding operations. Whether this league proves a success or not, one thing is certain; namely, that until purebred sires are much more generally used we can not hope to increase the value of our farm animals to any marked degree.

The average Ohio horse now has a value of $130; the average Ohio mule is worth $131; the Ohio dairy cow is worth $50; the Ohio beef cow, $30; the Ohio hog, $10.80; and the Ohio sheep, $4.10. These figures speak for themselves.

This series is now brought to a close. The writer trusts that these articles have been reasonably clear and that readers have gleaned enough food for thought to make their publication worth while. It is hoped that these "studies" have helped to remove the vast amount of superstition and ignorance which surrrounds most breeding subjects, and that the business of breeding purebred live stock has been discussed in such a way as to bring to the purebred sire better appreciation and much greater patronage.

The writer will be glad to correspond with readers who may desire information on some particular breeding problem, or who have learned lessons from their experiences which will aid the writer in helping others.—Henry W. Vaughan, Iowa State College of Agriculture.

Note—This is the last of this splendid series which we have published by permission of The Ohio Farmer.

"You are certainly sending us a real live paper these days."—George Rice, Deschenes, Que., Canada.

A NEW RECORD BREAKER

By Dr. E. E. Reed, Hopkinton, Ia.

Korndyke Johanna Pontiac Edith has made 49.99 lbs. butter in 7 days. Her per cent butter fat was 9.8—with special emphasis on the high per cent butter fat. We would not be greatly excited to hear an announcement like this in the days when Holstein-Friesian records are mounting higher and higher with each report sent out from the Advanced Registry office. In fact so frequently and with such leaps and bounds are they advancing that special postal card notices are received now and again to tell of their wondrous achievements. But the peculiarity of this (supposed) record and its announcement is the emphasis laid on the high per cent. This announcement is just supposed to be true when it really is not. Overemphasizing is sometimes the best way to call attention to the weak point in wrongly emphasizing what is true.

Has it never occurred to those who make so much of their high per cent butter-fat that it is only another way of announcing a more limited milk flow? This may do for Jersey or Guernsey men, but the glory of the Holstein-Friesians is their large milk flow and their heavy butter yield. Those who are true to the Holstein-Friesian characteristics would always prefer a cow that could make 40 lbs. butter from 840 lbs. milk to one that could make 40 lbs. butter from 700 lbs. milk. And when we get right down to the truth of the matter, who would not? But how seldom do we hear emphasis laid on the large milk flow in connection with the great butter record.

Notwithstanding the many high per cent butter tests that are being announced of late in connection with 7 day Holstein-Friesian tests it would seem from the annual tests that the per cent butter fat of the breed is not being advanced. These high tests are only temporary. They are secured from fat laid on before freshening or to some extent from some other manipulation of the cow and do not represent a real abiding ability of the cow to produce a high per cent test. Last year 356 Holstein-Friesian cows were given a semi-official test. Their average per cent butter fat was 3.44. The average for Holstein-Friesian cows is put at 3.40 to 3.45 and it has not materially advanced since the days of Prof. Hengerveld 60 years ago. A study of the records will show that the cows making the exceptionally high 7-day per cents, fall off materially in their 30-day tests and still more in their annual tests. An attempt to raise the per cent at the expense of the milk flow is a mistake. No breed should be swung away from its characteristics, if those characteristics are worth anything—and if they are not of worth, then abandon the breed. An attempt was made to breed the Morgan horse into another type until the distinctive characteristics of the Morgans was sacrificed. Then it was realized a great mistake had been made and now great effort is being made to restore the type. How successful it will be after the type has been broken up remains to be seen.

I am not opposed to 7-day records. I should strenuously oppose abandoning them. I believe they are a valuable test of a cow's worth even though the real worth of a cow is in her annual production. More than this I am not opposed to feeding well, a heifer, or a cow while dry, so that she will be fat when she freshens and so as a result she will give a high per cent butter fat test. That a cow will pack away a lot of feed in fat on her body and when she freshens will at once begin to take it off her body and put it into the pail is greatly to her credit as a dairy cow. To develop a cow that will consume a large amount of food and send it to the pail, that will even sacrifice her own flesh to make a great milk and butter record—this is the purpose of the breeder of dairy stock.

However, it must be understood that certain things should be taken into account in judging the value of a seven-day record. Was the cow fat? How did her 7-day per cent compare with her 30-day per cent? If the cow was fat and made a big record and a high per cent—all that is nothing against her—it is all to her credit. But how about the cow that was in thin flesh and made a large butter record and her 7 day per cent was no larger or perhaps smaller than her 30 day per cent? If the amount of butter made by these two cows was the same I should take the latter

HOME OF W. H. DEPEW, AUBURN, N. Y.
See issue of April 18th for write-up of Mr. Depew's herd.

cow in preference to the former. Give her the same advantages as the former and she would make a much greater record. If men want to tell what are the most desirable characteristics of their Holstein-Friesian cows let them announce their great butter yield made from their large milk flow. If men want to judge the real worth of 7-day butter records let them compare the per cent butter fat for 7 days with that for 30 or 60 days or even better, for the year.

TESTS IN PROGRESS IN ILLINOIS

The following supervisors are conducting official tests of Holstein-Friesian cows for the breeders named:

J. J. Ausen—Hawthorne Farms Co., Barrington.

G. W. Beardsley—A. W. Fischer, Bensonville.

M. R. Carlson—F. J. Karlen, Winslow.

C. G. Cox—C. Dasenbrock, Effiingham.

Earl Garver—R. E. Haeger, Algonquin.

C. F. Goodman—Geo. A. Bach, Sycamore.

J. C. Howser—A. J. Daugherity, Streator.

H. C. Lawson—Frank White & Son, Woodstock.

I. Paley—Woodlawn Farm Co., Sterling.

W. T. Crandall,
In charge of official tests.

TESTS IN PROGRESS IN MINNESOTA

The following is a list of Holstein-Friesian Breeders in Minnesota who have been making A. R. O. tests during the past two weeks, and the supervisors who conducted them:—

W. E. Cushner—Dr. Christopher Graham, Rochester.

A. M. Robbins—Jos. M. Hackney, St. Paul.

H. C. McMurray—Jos. M. Hackney, New Brighton.

Geo. Girrbach—John B. Irwin, Minneapolis.

Geo. Girrbach—Winship & Schroeder, Owatonna.

Otto Kinneberg—W. S. Moscrip, Lake Elmo.

J. M. Peterson—E. C. Schroeder, Moorhead.

C. A. Borncamp—Wm. Jeans, Withrow.

H. C. McMurray—Jas. Hunter, Northfield.

J. C. Hibbard—W. F. Schilling, Northfield.

Yours truly,
Grace G. Andrews.

TESTS IN PROGRESS IN WISCONSIN

The following is a list of supervisors engaged in conducting official tests of Wisconsin Holstein-Friesians with the name of owner for whom the test is being conducted in each case:

F. G. Backus—S. B. Jones & Son, Watertown.

S. C. Bathum—Geo. Hetts & Son, Ft. Atkinson.

F. R. Fuller, Jr.—Schuster Farm, Mukwonago.

Grover Kennedy—Truttschel Bros., Sheboygan Falls.

J. F. LeJeune—R. C. Luedke, Juneau, Wis.

Geo. J. McCarthy—C. B. McCanna Farm, Burlington.

W. G. Northey—W. A. Parsons, Ft. Atkinson.

Clarence Onsrud — Stephenson Farm, Kenosha.

S. R. Randall—H. F. Park, Elkhorn.

John Reckinger—H. A. Brace, Lone Rock.

W. G. Reynolds—Lindauer Stock Farm, Little Rapids.

M. H. Weymouth—F. S. Thomas, Delavan.

Roy T. Harris,
In Charge of Dairy Tests.

THINGS TO DO AND THINGS TO LEAVE UNDONE IN HANDLING MILK

S. F. Edwards, Professor of Bacteriology, Ontario Agricultural College, Guelph

With Prof. Dean's permission, I would like to again call your attention to the scale he has, showing the chemical make-up of the milk, and the relation of that chemical make-up to the furnishing of food for bacteria. The great question that we are up against in milk is the flavor and the keeping quality. The flavor and the keeping quality of milk depend entirely upon the number and the kinds of bacteria that are present in the milk.

We have some milk in our laboratory that was put into glass flasks in February, 1911, and steamed a few minutes each day for three successive days. We looked at that milk to-day, and it is in just as good and sweet condition as it was the day it was put up a year ago last February. During the summer of 1912 we opened one of the flasks and tasted the milk, and it was perfectly sweet, although, of course, it had a little cooked flavor from the steaming. The steaming of the milk destroyed all the bacteria that were in the milk and the milk will remain perfectly sweet and wholesome as long as it is kept free from any more bacteria getting into it.

As to the content of the milk—the fat, the albumen, the casein, the sugar and the ash—these various substances in the milk are what constitute the food for the bacteria that grow in the milk. Bacteria require the same chemical elements for their food supply that we require for our own bodies. They have to have albumen and water and some fats in order to grow and develop. The bacteria growing in milk are able to work upon the sugar and albumen and the casein and so on, and produce certain chemical changes in these various compounds, and it is these chemical changes that cause the souring or off flavors and putrefaction. The souring is the result of the action of bacteria on the sugar; the putrefaction is the result of the action of bacteria upon the casein and albumen and the protein part of the milk. All the other elements, however, to a certain extent, go towards furnishing food for the bacteria as they develop in the milk.

I have a few slides which I will exhibit which will show you the source of some of the bacteria that commonly get into the milk, and the ways in which they can be avoided, and one or two of the ways in which milk can be handled in order to keep the bacterial action down to as low a point as possible. Clean milk with a good flavor is more saleable than other milk. A man who is producing milk for city consumption can always secure a class of trade that is willing to pay for good milk, and in order to get that good milk the bacterial content must be low. The same question comes in the making of butter and cheese. The buttermaker and the cheesemaker cannot produce as good a quality of cheese or butter from poor milk as he can from good, clean flavored milk. In order to make cheese from poor milk, he must pasteurize or have an excessive amount of starter, but at best he cannot produce as good a quality that will sell for as much money as if the cheese were made from clean flavored milk.

Two years ago we were doing some work on the effect of pasteurizing whey from a cheese factory before it went back to the farms, with a view of preventing, if possible, the so-called fruity flavor. At that time we had letters from prominent buyers in Western Ontario stating that the cut in prices on account of this fruity flavor was anywhere from one-quarter to two cents a pound. The producer

of the milk is the man who has to bear the loss. You cannot get as high a price for poor flavored cheese as you can for good cheese, and the farmer gets less money for the milk if it is of poor flavor than he would get if all the milk sent to the factory was good clean milk.

I have not touched on the tuberculosis proposition because it is to be taken up at another meeting. The consensus of opinion among the best authorities is that tuberculosis can be transmitted from cattle to the human family, especially to children, from milk that contains tubercular bacteria. Therefore, from that standpoint, it is necessary that milk should be produced in a cleanly condition and from healthy cows.

(At the close of his address Prof. Edwards exhibited on the lantern screen, a number of slides showing some dirty and unhealthy stables, and some of the most cleanly, up-to-date stables in the country, notably several that were supplying milk to the Toronto market, where everything was kept absolutely clean and in a sanitary condition, where the cows were clipped and groomed and properly cared for. Prof. Edwards stated that the price obtained for the milk well repaid for the work done, as one firm received ten cents per quart for milk at the stable and fifteen cents delivered in the city.)

LAND VALUES HAVE NEARLY DOUBLED

U. S. Dept. of Agriculture

Although farm wages in the United States increased about 37 per cent from 1900 to 1910, land values nearly doubled in the same time; indicating that in the distribution of the proceeds from farming operations a larger proportion now goes to capital account and less to labor account than formerly; the interest rate of return on the capitalized value of land, however, is probably less now than twenty-five or thirty years ago. The value per acre of crop production increased about 50 per cent from 1900 to 1910. Ordinary day wages on the farm are gradually lessening. Thirty years ago wages at harvest averaged nearly 60 per cent higher than wages at other than harvest time; twenty years ago the premium was about 42 per cent; ten years ago, about 35 per cent; and last year about 32 per cent. Perhaps this is due in part to improved labor saving harvest machinery, and in part to an improved system of farming, by which the labor demand is more evenly distributed through the year.

The money wages when board is furnished is about 30 per cent less than when board is not included; that is nearly 1/3 of what a man earns is charged to board. This ratio has not changed materially in the past thirty years.

* * *

Can a man get a square meal at a round table?

* * *

In listing farm clubs we should not overlook the milking stool and the boot jack.

* * *

Johnny Bull isn't paying quite as much attention to Uncle Sam and his relations with the Greaser Republic south of us as formerly. He has an Ulster of his own just now.

Field Notes

A Denver woman has been decorated wtih the order of agriculture of Belgium. Her name is Mrs. Belie Van Dorn Herbert. She is president of the international congress of farm women.

* * *

Plan now to attend the next annual meeting of the Holstein-Friesian Association of America at Chicago, June 3d. This is the first time the meeting has been in the West. Will it be the last? It depends on you!

* * *

Siam is the thirty-fifth nation to send notice of its participation in the Panama-Pacific International Exposition. A cable from that country on March 30 announced that Prince Rajani had been appointed commissioner to visit San Francisco and arrange for the erection of the Siamese building.

* * *

The loss of ammonium sulphate, which compares favorably with sodium nitrate as a plant stimulant, in the distillation of coal for the production of coke, is described in a recent bulletin of the Dept. of Agriculture as follows:

"In the main, coal is distilled in this country in that form of coke oven, the beehive oven, which does not admit of the recovery of the distillation products. Instead, they are allowed to go to waste. So we are indebted to the by-product recovery oven for the main supply of ammonium sulphate. The amount recovered is valued at about $4,000,000, while the recoverable ammonia annually destroyed in the cooking processes by the beehive ovens is valued at $22,000,000. At the beginning of 1912 there were 4,624 by-product coke ovens in operation in the United States and 698 building."

A meeting of the Allegany-Steuben Holstein-Friesian Club will take place at Cuba, N. Y., May 5th at 1:00 p. m. Topics of interest will be discussed and Hon. O. U. Kellogg, Cortland, N. Y., Ex-President of the Holstein-Friesian Association of America will be present and address the meeting.

* * *

On April 5th at Chambersburg, Pa. was organized the Cumberland Valley Holstein-Friesian Association. Fifty interested dairymen gathered in the Court House for the purpose. S. R. Miller was elected President; Simon G. Hollinger, Waynesboro, vice-president; Daniel H. Yaukey, secretary and treasurer. It was decided to hold another meeting in the near future.

* * *

John Arfman of Middletown, N. Y. has just completed a deal whereby he has become the owner of Towanda Spring Farm Pontiac De Kol, a young bull born March 19, 1914 on the Hillscroft Farms, South Towanda, Pa. The consideration was $5,350. The bulls dam and sire's dam average 38.72 lbs. butter in seven days. Hillscroft Farms still retain Towanda Spring Farm Pontiac.

* * *

Delavan, Wis., April 20, 1914.

To All Interested:

I am advised through partial preliminary reports that the Holstein-Friesian heifer Holingen Fayne No. 144551 has broken the record for fat production in the junior three-year class of the 7-day division, by producing in seven consecutive days 28.96 lbs. fat from 607.9 lbs. milk. She freshened at the age of 3 years, 4 months, 14 days. Her sire is King Hengerveld Aaggie Fayne No. 56635; her dam is Mutual Holingen Finderne No. 111804. She was bred and is now owned by Mr. Bernhard Meyer, Finderne, N. J. In the junior three-year-class of the 7-day division she displaces Finderne Pietertje Johanna No. 120182, whose record for seven days is 28.164 lbs. fat from 637.9 lbs. milk.

—Malcolm H. Gardner, Supt. A. R.

An exchange says there is about as much chance of recalling an opportunity when past as growing hair on a bald head.

* * *

The sister states are:—Miss Ouri, Allie Bama, Louisa Anna, Della War, Ida Ho, Mary Land, Callie Fornia, Minnie Sota and Mrs Sippi.

* * *

For him in vain the envious seasons roll
Who bears eternal summer in his soul.

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Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.
If photographs are sent, cuts will be charged for at cost price.
All matter for publication in the Western Edition must be received by the Saturday preceding date of issue.
When so desired, advertising copy will be prepared or revised for our customers free of charge.

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One dollar per inch, each insertion.
On yearly contracts for a given space a discount of 50 per cent will be allowed, the same rate of discount to apply to any larger space that may be required, except for public sale advertising. On yearly contracts for every-other-week advertising, a discount of 35 per cent will be allowed.
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Editorials

R. E. Haeger's 10th Ann. Sale

R. E. Haeger's 10th Annual Sale was held April 23-24, at Algonquin, Ill., and it was well up to the good standard of excellence previously established by Mr. Haeger. Every year Mr. Haeger has been able to get together a very exceptional bunch of cattle as regards their breeding and individuality and never were cattle put into finer condition for a sale than this year. The sale commanded its usual good attendance including many buyers from far distant states both East and West and we are confident that all of them must have been pleased with the stock sold and the orderly way in which the sale was conducted. One thing that adds greatly to the comfort of all in attendance and makes the matter of carrying on the sale an easy one is the splendid sale pavilion.

The cattle sold easily and all went at what we could call very reasonable prices. The total of 151 head brought $42,185, an average of $279. The top price of the sale, $1250 was obtained for King Segis Pontiac Abbekerk, a 17 months old son of King Segis Pontiac and K. P. Abbekerk (25.71). He was consigned by F. W. Hopp, Elgin, Ill. and went to August Mathews, Lombard, Ill. K. P. Vrooman, a daughter of King of the Pontiacs from a 17-lb. cow went to Mr. Haeger for $950. Numerous other animals went for from $400 to $600. Many of the females were in calf to King Segis Pontiac and Johanna McKinley Segis. One five months old son of King of the Pontiacs and a 15.74-lb. two-year-old sold to Mr. W. H. Mott of Kansas, on the first day of the sale, for $400. On the second day Mr. Mott put him back in the sale and he was resold to Leo English, Beaver Creek, Minn. for $475, which goes to show that no man can tell the value of a good Holstein-Friesian. The bull was a splendid individual and cheap at most any price. A complete report of the sale will be found elsewhere in this issue.

The Short-Time and Semi-Official Tests.

Elsewhere in this number we publish an aricle from the pen of one of our substantial breeders, N. A. Cole of Ypsilanti, Mich., entitled "The Seven and Thirty-Day Official Test Versus the 365-Day Semi-Official Test."

This article reviews the subject quite exhaustively and presents many cogent reasons why the short-time tests should not be supplanted by the semi-official long-time test.

The hue and cry against the short-time test was started by breed competitors and was largely a matter of sour grapes, and breeders who listen to this cry are simply playing into the hands of their enemies. Whatever valid objections there ever may have been to the short-time test made early in the period of lactation has been met and entirely counteracted by the short-time test made eight months after calving. These two tests constitute an ideal measure of a cow's producing ability. It not only corrects any possible errors down in the first test, but serves as a correct measure of endurance, besides being entirely free from the objections offered to the semi-official test.

One point which Mr. Cole did not bring out and which we will emphasize here is the uneven conditions under which prize money is awarded in the semi-official tests. Why should a cow that carries a calf during the major portion of her semi-official test be required to compete on equal terms with a cow that is not bred until the close or near the close of her test? It is a matter of common every day knowledge that in a competition for milk production, the carrying of a calf is a serious handicap to anyone, and why should not this fact be recognized in the awarding of prizes? The fact that it is not, either tends to keep many cows out of the test altogether or, to delay breeding them until near the end of their yearly test. If they do carry a calf they are not fairly rated and prize-money often times may not be fairly awarded.

These conditions must either work injustice to the breeder, or harm to the breed. We ask a careful consideration of this matter and a thoughtful perusal of Mr. Cole's article.

PUBLIC SALE CALENDAR

May 5-6, 1914—Syracuse, N. Y. New York State Breeders' Sale Co.

May 7, 1914—Hiram, Ohio. Greendale Herd, 75 head. Frank P. Sutliff, Mgr.

May 7-8, 1914—Madison - Chenango Holstein Club Sale, 200 head, Earlville, N. Y.

May 11, 1914—The Lake Mills Holstein Breeders' Consignment Sales Co. 9th annual sale, Lake Mills, Wis. F. H. Everson, Mgr.

May 12, 1914—Western Connecticut Breeder's Company Sale, 75 head, New Milford, Fair Grounds.

May 13-14, 1914—Sale Pavilion, Syracuse, N. Y. E. M. Hastings 1914 Sale.

May 14, 1914—Oskaloosa, Kan. F. J. Searle Dispersion and Combination.

May 20-21, 1914—Sidney N. Y. Tri-County Holstein-Friesian Breeders' Association. Second Annual Sale.

May 26, 1914—Bedford Park, Ont. Gordon S. Gooderham.

May 26-27, 1914—Worchester, Massachusetts. Third Annual New England Breeders' Sale.

June 4-5, 1914—Western Holstein Sale at Chicago, Ill. T. E. Getzelman, Sale Manager.

June 10, 1914—Grand Rapids, Mich. West Michigan Holstein Breeders' Third Annual Consignment Sale, at West Michigan State Fair Grounds. W. R. Harper, Sale Mgr.

June 10, 1914—N. Dunn and St. Croix Co. Ass'n. 2nd Ann. Sale, Glenwood City, Wis., S. B. Peck, Mgr., Boyceville, Wis.

June 16, 1914—Wellington, Ohio. F. P. Sutliff's 4th Individual Semi-annual.

Oct. 15, 1914—7th Ann. Sale, Michigan Sale Co., State Fair Grounds, Detroit, Mich. H. W. Norton, Jr., Mgr.

Oct. 19-20, 1914—Sterling, Ill. Third Annual Sale. Woodlawn Farms Co.

Oct. 20, 1914—Woodstock, Ill. Second Annual Sale, Mc Henry Co. H.-F. Breeders' Association.

Oct. 21-22, 1914—Pavilion, Barrington, Ill. First Semi-Annual Sale of the Barrington Breeders' Association.

Dec. 11, 1914—North Portland, Oregon. Second Annual Pacific-International. Geo. A. Gue, Mgr.

Breeders' Bulletin Board

F. W. Scott, Granville, N. Y., writes:

"I am pleased to inform you that the cow Briar Daisy consigned to The 1914 Sale, May 13-14, is now in test and has 31.09 lbs. to her credit. I have always thought her capable of a 30-lb. record, but after she dropped twin calves the first part of April, I had my doubts. However, she is making good. You will also note I am offering her yearling daughter, sired by Pietje 22nd's Woodcrest Lad. It would seem that this mother and daughter should be very desirable. Had I known the record this cow would make, I very much doubt that I would offer her at any price."

R. P. Kutschbach & Son, Sherburne, N. Y., writes:

"We received a letter today from Mr. Frank Sutfin, Battle Creek, Mich., which states that Veeman Eleanor No. 95096, a daughter of King Veeman De Kol, has just finished a 7-day test, making 564 lb. milk, 26.-113 fat, 32.64 butter. We are pleased that Mr. Sutfin is owner of this cow, and that we were the breeders."

A PLEASED PURCHASER

Beach & Wirt,
Battle Creek, Mich.

Gentlemen:—

The young bull, "Beach Maplecrest Bromide De Kol" arrived at Belmont in splendid condition. I am very pleased with the calf and your square dealing. From the young sons and daughters of the Bull "Friend Hengerveld De Kol Butter Boy," that I have seen, I would consider this bull as well developed, and true to type as could be found. He will have a splendid chance to make a record for himself, I can assure you. Its a well known fact that no other herd in this western country is equal to ours in ability to produce under similar conditions. By the time this fellow has heifers old enough to test, we will be giving them all a chance at the official records.

I can say that you will gain trade throughout this territory, by having such a sample of a Holstein-Friesian bull at our place. This calf is very rugged, healthy and possessed of a good appetite. I priced and studied a score of young bulls this last year, and am entirely satisfied with my choice.

Wishing you success with your Holsteins, assuring you of our faith in this double grandson of "Friend Hengerveld De Kol Butter Boy" the greatest bull of the breed.—Jas. G. Phelps, Mgr. the Hilghland Stock Farm, Belmont, Nebr.

CONSIGNMENT TO N. Y. BREEDER'S SALE

Editor H.-F. World:—

Probably the best consignment we ever sent to a public sale has been selected for our offering to the New York State Breeders' Second Consignment Sale, which will be held May 5th & 6th, at the Syracuse Sale Pavilion. Our contingent is headed by King Segis Pontiac Maia, a grand-

R. E. HAEGER'S 10TH ANNUAL SALE

April 23 and 24 at Algonquin, Ill.

Consigned by Riverside Stock Farms, Algonquin, Ill.

Princess Heeringa f, 5 y, M. M. Wakeley, Harvard, Ill	$ 360
Parthenea Jewel De Kol f, 1 y., A. D. Cornue, Hebron, Ill.	18d
Maria Aaggie Pietertje f, 7 y., H. J. Barker, Elkhorn, Wis	195
Piebe Ormsby Aaggie f, 8 y., Woodlawn Farm Co., Sterling, Ill	135
Female, John Hetts, Ft. Atkinson, Wis	175
Lady Frontier Beets f, 3 y., M. M. Wakely & Son, Harvard, Ill	405
Maplecroft Hengerveld f, 6 y., Poaling Dairy Farm, Mill Hall, Pa	370
Pearl Queen Hengerveld f, 1 y., Woodlawn Farm Co., Sterling, Ill	295
Pearl Johanna Hengerveld f, 1 y., Fred Gale, Battle Creek, Mich	280
Edith Beets Hengerveld f, 2 y., Geo. A. Fox, Sycamore, Ill	200
Miss Korndyke Daffy f, 1 y., M. B. Weaver, Cary, Ill	170
Maid Clothilde Hengerveld f, 1 y., A. D. Cornue, Hebron, Ill	265
Jamaica Pietje f, 1 y., Otis Farm Co., Barrington, Ill	200
Helen Burke Beets f, 3 y., Woodlawn Farm Co., Sterling, Ill	400
Betta Frontier Hengerveld f, 1 y., M. M. Wakeley & Son, Harvard, Ill.	395
Grace Beets Segis f, 1 y., August Mathews, Lombard, Ill	255
Edith Colonel Beets f, 1 y., Harvest Farms Co., Mayville, Wis	250
Molly Pontiac Beets f, 5 m., John Hetts, Ft. Atkinson, Wis	190
Blackberry Segis Johanna f, 1 y., John Hetts, Ft. Atkinson, Wis	250
Colliopsis Beets Johanna f, 1 y., John Hetts, Ft. Atkinson, Wis	250
Artis Clothilde Johanna f, 1 y., John Hetts, Ft. Atkinson, Wis	250
Queen McKinley Johanna f, 1 y., John Hetts, Ft. Atkinson, Wis	250
Duchess Clothilde Johanna f, 1 y., Samuel Scott, Jr., Chrisman, Ill	330
Lady Wayne Johanna f, 1 y., Otis Farm Co., Barrington, Ill	300
Princess Pontiac Walker f, 1 y., A. D. Cornue, Hebron, Ill	195
Sap Hengerveld De Kol f, 1 y., Soc. Devine Word, Techney, Ill	195
Belle Pietertje f, 2 y., Otis Fraas, Crown Point, Ind	180
Oakwood Beets f, 1 y., H. J. Barker, Elkhorn, Wis	185
Lily Beryl Hengerveld f, 1 y., Woodlawn Farm Co., Sterling, Ill	200
Gertie Mohomet Burke f, 1 y., A. D. Cornue, Hebron, Ill	180
Gem Hengerveld Netherland f, 2 y., Schmidt Bros., St. Paul, Minn	280
Sadie Pontiac Klaver f, 1 y., A. D. Cornue, Hebron, Ill	240
Copia Hengerveld f, 1 y., August Mathews, Lombard, Ill	260
Netherland Pauline Burke f, 1 y., D. Manwell, Waterloo, Ia	205
Jessie Burke Beets 2d f, 1 y., R. E. Johnson, Hebron, Ill	200
Paul Netherland Posch m, 6 y., Houslet & McNutt, Oxford, Wis	340
Paul Burke Korndyke m, 1 y., Eugene Cox, Crystal Lake, Wis	130
Male, 1 y., C. L. Page, McHenry, Ill	270
Mutual Pietertje Beets m, 1 y., J. D. Flemming, Crystal Lake, Ill	180
Princess De Kol Beets m, 2 y., A. W. Abbott, Gleen Ellyn, Ill	175
40 head brought	$ 9,765
Average	$ 244

Consigned by John Dehmlow, Algonquin, Ill.

Artasia Beets Cornucopia f, 3 y., P. H. Cane, Ft. Atkinson, Wis	$ 235
Artasia Small Hopes Beets f, 2 y., P. H. Crane, Ft. Atkinson, Wis	235
River View Queen f, 2 y., P. H. Crane, Ft. Atkinson, Wis	250
Johanna Tehee Artasia f, 1 y., Houslet & McNutt, Oxford, Wis	160
4 head brought	$ 880
Average	220

Consigned by T. E. Getzelman, Hampshire, Ill.

Aurora Korndyke f, 2 y., Woodlawn Farm Co., Sterling, Ill	$ 250
Aaggie Townline Korndyke f, 2 y., Fred Krieter, Crown Point, Ind	300
Queen Cornucopia Johanna f, 2 y., Mr. Wright, Woodstock, Ill	170
Ott Spray Pride Of Inglewood f, 3 y, L. D. Todd, Algonquin, Ill	280
Duchess Cornucopia De Kol Johanna f, 2 y., Schmidt Bros., St. Paul	270
Pauline Paula Pride f, 4 y., Woodlawn Farm Co., Sterling, Ill	270
Sexton Isadore Clothilde f, 7 y., Fred Krieter, Crown Point, Ind	295
Aaggie Dale Shadeland f, 6 y., John Hetts, Ft. Atkinson, Wis	320
Johanna McKinley Dale m, 1 y., E. A. Hutchins, Liverpool, N. Y.	240
Brookline Belle f, 2 y., Schmidt Bros., St. Paul, Minn	240
Emily Boreas Jarie f, 2 y., Fred Zimmerman, Sciota Mills, Ill	245
Brookline Pride De Kol f, 2 y., W. H. Latta, Clinton, Wis	310
Johanna McKinley Segis Andire m, 5 m., R. E. Haeger, Algonquin, Ill.	300
Johanna McKinley Segis Mercedes m, 1 y., R. E. Haeger, Algonquin	200
Aaggie Brookline Heng. f, 2 y., Woodlawn Farm Co., Sterling, Ill	195
Gerben Brookline Lass f, 1 y., John Hetts, Ft. Atkinson, Wis	165
Gerben Brookline Oriole Lass f, 1 y., H. J. Barker, Elkhorn, Wis	175
Jennie Freeman Pontiac f, 1 y., Woodlawn Farm Co., Sterling, Ill	175
Aaggie Brookline Shadeland f, 2 y., J. F. Sullivan, Marengo, Ill	190
Maude Brookline Korndyke f, 1 y., A. B. Abbott, Glenn Ellyn, Ill	215
Colantha Brookline Lady f, 1 y., A. C. Mann, Paris, Ill	235
Emma Artistic De Kol f, 1 y., A. D. Cornue, Hebron, Ill	300
Jewel Yankee Spofford f, 1 y., J. F. Sullivan, Marengo, Ill	210
Cedarcrest Aaggie Cornucopia 2d m, 2 y., H. S. Hart, Barrington, Ill.	290
Brookline Katy Walker f, 2 y., Harvest Farms Co., Mayville, Wis	475
Brookline Bessie Pietje f, 2 y., Sullivan Bros., Marengo, Ill	490
Female calf, R. E. Haeger, Algonquin, Ill	300
Aurora Nevada Ormsby 3d f, 2 y., C. W. Gibbs, McHenry, Ill	295
Brookline Bess De Kol f, 2 y., John Hetts, Ft. Atkinson, Wis	480
Ott Inglewood De Kol Maid f, 2 y., Woodlawn Farm Co., Sterling, Ill.	300

ly bred young son of King Segis Pontiac from K. P. Maia, herself naturally one of the best daughters of King of the Pontiacs. Calving at 26 months old this young cow produced over 20 lbs. butter in seven days, 80.63 lbs. butter in thirty days. She started on semi-official test. After 199 days she was moved into another stable, and her new caretaker misunderstood his instructions, and did not keep track of her production, while we did not discover the fact until the supervisor came to make the monthly inspection and test. Supt' Gardner however, reported her production, saying she had produced in the 199 days, in excess of her requirements for the year, namely 401.96 lbs. of butter. Her dam, Pontiac Maia, 24.65 lbs. butter in seven days, 616.8 lbs. milk, has three A. R. O. daughters, one of which, Pontiac Maia 2d made 634.25 lbs. butter in 365 days, at 31 months, which was world's record in class when completed. Another daughter, K. P. Girl, produced 22.74 lbs. butter in seven days, 716.76 lbs. butter in a year, and she is full sister to K. P. Maia. King Segis Pontiac Maia has bloodlines unexcelled for transmitting and producing ability, while his individuality and conformation are equal to his breeding.

We are offering four good cows bred to King of the Pontiacs, and one daughter of that famous sire, K. P. Frindaella Belle, now in test with her second calf and making over 26 lbs. butter in seven days. As space is limited, we will refer your readers to the catalog for details of the breeding of the other animals we have selected. They are all good individuals with the best of breeding.—Stevens Brothers' Company, Liverpool, N. Y.

A GOOD PURCHASE

Sedgeland Stock Farm owned by E. C. Sedgwick & Son of Limeridge, Wis. have recently made a valuable addition to their herd of Holstein-Friesian Cattle by the purchase of an extra well bred bull calf from the Uneeda Korndyke Herd of Holstein-Friesian Cattle owned by the well known breeders F. J. Bristol & Sons Company, Oakfield, Wis. The sire of the calf King Segis Pontiac Polkadot is a full brother in blood (they being by the same sire and their dams full sisters) to King Segis Pontiac Alcartra the bull calf that sold at public auction in Syracuse, N. Y. in June 1911 for $10,000.00 representing at that time the very best combination of Holstein breeding that had ever been put together and it is very doubtful if it has been exceeded or even equaled to this day. The dam of the calf Uneeda Inka Korndyke, whose A. R. O. record at 4 years and 16 days of 385.6 lbs. milk 18.80 lbs. butter in 7 days does not anywhere near indicate her capacity as she is considered one of the very best cows in the Uneeda Korndyke Herd, is a daughter of Korndyke Wayne Paul De Kol son of old Belle Korndyke one of the very great cows of the breed. Dropping her first calf at just under two years of age her last one at eighteen years and five months, milking profitably until past twenty finally dying at the ripe old age of twenty-one years; dam of several daughters

Duchess Woodside De Kol f, 2 y., Woodlawn Farm Co., Sterling, Ill	345
Ertel Cornucopia Johanna Princess f, 2 y., G. E. Van Hagen	345
Countess Korndyke Parthenea f, 2 y., Woodlawn Farm Co., Sterling	335
King Pontiac Shadeland m, 2 y., Leo English, Beaver Creek, Minn	475
King Pontiac Burke Prilly m, 1 y., M. J. Wright, Woodstock, Ill	600
Colonel Korndyke Beets m, 1 y., E. T. Bryant, Crystal Lake, Ill	115
Annie De Kol Beets 2d f, 1 y., Woodlawn Farm Co., Sterling, Ill	270
Stevens Sir Cornucopia Sadie m, 1 y., E. O Wright, Somonauk, Ill	155
Ridgefield Pontiac Posch 2d f, 2 y., G. E. VanHagen, Barrington, Ill	250
Brookline Korndyke Beets f, 2 y., H. S. Hart, Barrington, Ill	230
Axie De Kol Beets 2d f, 2 y., L. D. Todd, Algonquin, Ill	235
Mechthilde De Kol Pietertje Cloe f, 5 y., Woodlawn Farm Co	190
Susie Brookline Hengerveld f, 2 y., Woodlawn Farm Co., Sterling, Ill.	245
Cedar Hill May Mercedes f, 2y., G. E. VanHagen, Barrington, Ill	230
Princess Wayne Parthenea f, 2 y., F. B. Pratt, Wayne, Ill	280
Ilma Wayne Jessie Burke f, 2 y., F. B. McConnell, Woodstock, Ill	320
Ott Spray Gem f, 2 y., Woodlawn Farm Co., Sterling, Ill	170
Jessie Pell De Kol f, 2 y., F. B. McConnell, Woodstock, Ill	280
Brookline Wayne Korndyke f, 2 y., H. S. Hart, Barrington, Ill	260
McKinley Johanna Copia m, 4 m., W. L. Ripp, Algonquin, Ill	330
Johanna McKinley Copia m, 5 m., W. L. Ripp, Algonquin, Ill	330
Female, Fred N. Turner, Hebron, Ill	250
Female, Fred N. Turner, Hebron, Ill	200
53 head brought	$14,620
Average	276

Consigned by A. W. Haeger, Algonquin, Ill.

Sarcastic Butter Girl 2d f, 3 y., H. G. Barker, Elkhorn, Wis	$ 205
Butter Girl Korndyke f, 5 m., H. J. Heyes, Darien, Ill	130
Kekke Woodcrest Cornucopia f, 2 y., H. G. Barker, Elkhorn, Wis	245
May Pietertje Hengerveld f, 1 y., F. A. Wiedemer, Dairien, Wis	125
Mamie Pietertje Hengerveld f, 2 y., Wm. Redpath, Woodstock, Ill	225
5 head brought	$ 930
Average	186

Consigned by Spring Lake Dairy Farm, Algonquin, Ill.

Mechthilde Pontiac Hengerveld f, 1 y., H. S. Hart, Barrington, Ill	$ 180
Aaggie Pontiac De Kol f, 5 m., W . H. Nation, Nora, Ill	95
Woodcrest Snow De Kol f, 1 y., Soc. Devine Word, Techny, Ill	155

Consigned by F. W. Hopp, Elgin, Ill.

K. S. P. Beryl De Kol f, 4 y., John Dehmlow, Algonquin, Ill.	$ 350
K. S. P. Lena f, 5 y., T. E. Getzelman, Hampshire, Ill	435
Zenia Korndyke f, 5 y., L. D. Todd, Algonquin, Ill	405
Female, T. E. Getzelman, Hampshire, Ill	375
Terracelawn Aaggie Leila f, 6 y., Woodlawn Farm Co., Sterling, Ill	500
Female, Harry D. Barnes, Elgin, Ill	280
King Segis De Kol Korndyke Queen f, 4 y., Harvest Farms Co	400
Female, R. E. Johnson, Hebron, Ill.	650
Lady Lyons De Kol f, 9 y., F. N. Turner, Hebron, Ill	260
Lady Lyons Walker De Kol f, 2 y., H. D. Barnes, Elgin, Ill	490
Johanna Aaggie Sarcastic Vale f, 3., Fred Krieter, Crown Point, Ind	190
Hengerveld Lady Artis Burke f, 2 y., R. E. Haeger, Algonquin, Ill	310
Clothilde Frenesta Beets f, 3 y., Fred Krieter, Crown Point, Ind	225
Netherland Kornd. Heng. f, 2 y., M. M. Wakeley & Son, Harvard, Ill.	105
Amy Walker f, 3 y., W. H. Latta, Clinton, Wis	400
Benla Korndyke f, 2 y., L. D. Todd, Algonquin, Ill	400
Nellie Flossie f, 2 y., Otis Fraas, Crown Point, Ind	180
Betty Croette Johanna f, 1 y., Soc. Devine Word, Techny, Ill	175
Female, L. S. C. Field, Osseo, Wis	130
Female, L. S. C. Field, Osseo, Wis	130
Female, L. S. C. Field, Osseo, Wis	130
King Segis Pontiac Abbekerk m, 2 y., August Mathews, Lombard, Ill.	51250
Female, L. S. C. Field, Osseo, Wis	130
Female, H. D. Barnes, Elgin, Ill	350
Aaltje Rue Johanna 2d f, 9 y., Fred Krieter, Crown Point, Ind	240
Johanna Rue Sarcastic Vale 2d f, 6 y., W. H. Lotts, Clinton, Wis	260
Female, Harry D. Barnes, Elgin, Ill	440
Pietertje Hengerveld Cornucopia f, 2 y., F. B. McConnell	210
Maggie Butter Queen Burke f, 2 y., G. G. Fox	.....
Pietertje Hengerveld Esta Burke f, 2 y., Geo. A. Fox, Sycamore, Ill.	255
K. P. Countess f, 2 y., Woodlawn Farm Co., Sterling, Ill	810
Aaltje Rue Pietertje Hengerveld f, 2 y., Geo. A. Fox, Sycamore, Ill.	230
Hengerveld Segis Pontiac f, 1 y., Geo. A. Fox, Sycamore, Ill	200
Johanna De Kol Ybma Spofford f, 2 y., A. Mathews, Lombard, Ill	285
Queen Ormsby Hesseltje f, 2 y., Fred Gale, Battle Creek, Mich	330
34 head brought	$11,500
Average	338

Consigned by Fred Gale, Battle Creek, Mich.

Betsy Black Berne f, 4 y., R. E. Johnson, Richmond, Ill	$ 210
Johanna Segis Lad m, 1 y., F. B. Pratt	375
Libbie Keyes De Kol f, 3 y., H. S. Hart, Barrington, Ill	220
Brightest Maid Of Harcourt f, 2 y., W. L. Ritt, Algonquin, Ill	150

that are as good producers as their mother and grand dam through both her sons and daughters of many of the greatest cows of the breed. Prominent among them being Pontiac Lady Korndyke 38.03 lbs. butter in 7 days Pontiac Pet 37.68 Pontiac Clothilde De Kol 2d 37.61. Also great grand dam of K. P. Pontiac Lass 44.18 lbs. butter in 7 days the greatest cow the world has ever known. This young bull that the Messrs. Sedgwick have purchased traces through every four corners of his pedigree to this grand old cow Belle Korndyke and has the right to develop into some bull.

A GREAT SIRE SOLD

Editor H.-F. World:—

We have recently sold to Mr. H. V. Noyes, Manager of the Oneida Community Herd, Kenwood, N. Y., the great show bull and herd sire, King Korndyke Hengerveld Ormsby. This is the bull we paid $7500 for, mainly to breed to our Pontiac Clothilde De Kol 2d. When we bought him, we were in hopes to get a bull from this service, and did, the grandly bred bull "IT." As we have sold one of our Lacona farms, we are able to bring the young bull to Liverpool, and hence really did not need his sire any longer. Mr. Noyes was in search of the best bull, breeding and individuality considered, that he could get, and decided, at the attractive price we made him, that King Korndyke Hengerveld Ormsby was just the animal he was in search of. King Korndyke Hengerveld Ormsby already has thirteen daughters in the official list. Among recently made records are:—Alice Pietje Ormsby 26.4 lbs. butter in seven days as a three-year-old, Maple Knoll Lily 24.23 lbs. at four years seven days old, and Maple Knoll Lassie 4th, 22.06 lbs. as a junior three-year-old. He has been bred to many of the daughters of King of the Pontiacs, and the resulting progeny are very attractive and promising.

The sire of this great bull is Sir Korndyke Hengerveld De Kol, a son of Hengerveld De Kol and Pontiac Darkness, a 26.4 lb. four-year-old daughter of Pontiac Korndyke and the 25.7 lb. cow Inka Darkness 2d's Queen. Pontiac Darkness is said to be naturally a better cow than her full sister, ter in seven days. Whether this is true or not, she is certainly a splendid individual, and Mr. Dollar says she is a persistent producer of milk testing 4 per cent fat or better.

Pietertje Maid Ormsby, dam of Mr. Noyes' new herd sire, as a three-year old produced 107.83 lbs. butter in 30 days, which was a world's record for the age at time of making. At full age she produced 35.56 lbs. butter in seven days, and 145.66 lbs. in thirty days. Her seven day record was the third largest and her thirty day mark the world's record when made. She is a cow of wonderful symmetry and conformation, and has been shown with marked success at the leading fairs of the great Western circuit. She comes of producing strains, has a 33.3 lbs. sister on the sire's side and a 30.38 lb. sister on the dam's side of her pedigree.

King Korndyke Hengerveld Ormsby certainly has high class breeding. He is a show bull in every respect

K. P. Vrooman f, 4 y., R. E. Haeger, Algonquin, Ill	950
Pauline Beets Burke f, F. B. Pratt, Wayne, Ill	215
6 head brought	$ 2,120
Average	353

Consigner Unknown

Pietertje Grindeta 4th, W. H. Rilgenthaler, Prairie View, Ill	$ 230
Marble Valley Pietje Burke, John Hetts	525
Fairview Korndyke Matador, L. L. Saivson, Grangeville, N. Y.	500
Annie Korndyke Ormsby De Kol, Otis Farms Co.	300
Female, J. H. Greene, Clinton, Wis.	200
Female, Wm. Redpath, Woodstock, Ill.	185
A total of 151 head brought	$42,185
Average per head	$ 279

Official Records of H.-F. Cows

266 COWS **From Mar. 13 to 21, 1914.**

NAME OF COW AND OWNER.	Milk, lbs.	Average per cent. fat.	Butter fat, lbs.
FULL AGED CLASS			
Alfreda Burke Struble 109670, Twin Elm Farm	534.4	4.91	26.220
Countess Segis 95867, A. C. Hardy	463.1	5.48	25.362
Previous 2d Changeling 126628, Fred A. Blewer	584.8	4.24	24.795
Thirty-day record	2594.8	3.79	98.307
Maple Crest Pontiac Spotted Annie 141164, The Maplecrest Farm Company	446.7	5.53	24.688
Thirty-day record	1957.9	4.98	97.483
Maple Crest Pontiac Fannie 143949, The Maplecrest Stock Farm Co.	373.8	6.53	24.428
Fourteen-day record	740.7	5.94	43.963
Lilith Queen Pauline 110568, F. S. Stimson	508.4	4.76	24.194
Thirty-day record	2420.3	3.90	94.319
Bonnie Echo De Kol 2d 92049, E. B. Marks	635.9	3.71	23.589
Thirty-day record	2681.2	3.52	94.298
Maple Crest Pontiac Ogden De Kol 141156, The Maplecrest Stock Farm Co.	399.0	5.65	22.528
Fifteen-day record	859.8	5.28	45.399
Kalsora Gert 3rd 122001, F. H. White	535.2	4.19	22.436
Homestead Maid De Kol 2d 94307, F. S. Stimson	543.0	3.93	21.314
Mary Gelsche De Kol 103646, M. H. Bartlett	532.4	3.93	20.905
Thirty-day record	2087.9	4.15	86.695
Mary Moscow De Kol 3rd 107756, Jessie Du Bois	564.7	3.66	20.655
Thirty-day record	2377.0	3.62	85.983
Brooklands Louise Vale 115126, Burr Bros.	563.8	3.66	20.625
Aaggie Palmar 4th 101008, F. S. Stimson	561.3	3.62	20.300
Aaggie Mercedes Pauline 98409, Alfred McMartin	571.7	3.51	20.086
Hazelet Rose De Kol 140704, L. E. Connell	564.6	3.38	19.080
Thirty-day record	2338.7	3.25	75.922
Becky Bawn 2d's Nudine 96839, T. J. Blanchard	436.4	4.36	19.032
Merland De Kol Pauline 92952, C. L. Snyder	546.1	3.47	18.951
Thirty-day record	2405.5	3.11	74.899
Lady Prize Aurora McGinty 87153, H. A. Palmer	562.3	3.37	18.923
Cokie Jamaica Parthenea 89126, M. C. Johnston	603.4	3.11	18.778
Fourteen-day record	1187.1	3.10	36.892
Cornucopia Midnight Pauline Posch 115488, F. S. Stimson	418.8	4.41	18.465
Holland Dusky Maid 117304, Sam Werren	494.6	3.73	18.437
Thirty-day record	2068.7	3.63	75.029
Royalton De Kol Canna 95363, L. E. Connell	466.0	3.93	18.326
Fourteen-day record	919.3	3.80	34.929
Zelka De Vries 81334, Hollins College	482.0	3.76	18.129
Jewess Clothilde 109629, E. E. Risley	484.5	3.71	17.989
Pauline Carlotta De Kol 78466, H. Irving Todd	464.7	3.82	17.714
Belle of Ulster 64030, Julius Schmid	457.5	3.87	17.714
Eden Beauty of Harcourt 113113, H. Hall & F. Gale	510.2	3.42	17.457
Pietertje Aaggie Jewel D. K. 2d 152481, Gordon & Calvert	508.1	3.42	17.364
Pearl De Kol Douglas 143214, Julius Schmid	428.9	4.05	17.360
Lady Ivaloo Bess 3rd 118628, Lester A. Parke	464.4	3.72	17.260
Aaggie Ivaloo Bess 118629, Lester A. Parke	475.1	3.63	17.257
Etta De Kol Baroness 2nd 110670, Geo. W. Berry	557.8	3.06	17.074
Clothilde Veeman Sarcastic 96062, University of Illinois	564.0	3.01	16.952
Springvale Belle Deldee 117118, H. G. Ellinger	438.6	3.85	16.888
Miss Mary McGinty Beets 98172, A. W. Palmer	462.8	3.64	16.838
Duchess De Kol of Sutton 71643, Leslie P. Forristall	531.2	3.15	16.729
Hark Korndyke Last 118632, Lester A. Parke	473.0	3.50	16.568
Lucelia Scotia 105271, Leon E. Gilman	431.4	3.83	16.537
Badger Lady Mercedes 3d 71766, F. S. Stimson	353.1	4.67	16.507
Salina Alban 2nd 99143, Mark H. Piper	547.5	3.00	16.445
Lady Hatres 2nd 110382, Floyd M. Pelton	554.0	2.95	16.352
Louise Daw De Kol 3d 77363, M. C. Johnston	513.4	3.18	16.333
Hollins Hulda 103986, Hollins College	480.8	3.32	15.975
Merland Lipkje De Kol Burke 115193, C. L. Snyder	496.1	3.19	15.821
Thirty-day record	2075.8	3.02	62.610
Canary Butter Boy Mechthilde 153331, Gordon & Calvert	515.6	3.06	15.763
Akje Mercedes De Kol 2d 103022, Harry Mack	456.3	3.45	15.742
Lady Laura G. 2d 160240, S. B. & F. D. Van Buskirk	430.6	3.64	15.694
Winnie R. of Howell 2nd 121823, Albin R. Pfau	511.8	3.06	15.654
Queen Holly Netherland 101626, H. G. Ellinger	458.7	2.85	15.635
Black Faced Queen 129635, George D. Frommel	561.7	2.78	15.620
Vale De Kol Pet 123167, Mark B. Curdy	459.7	3.37	15.524
Winnie Wayne De Kol Albino 2nd 121825, Albin R. Pfau	513.8	2.99	15.380
Martha De Kol Clothilde 97046, Vermont State Hospital	426.6	3.57	15.222
Pauline Wayne Longfield De Kol 115486, M. J. McPherson	458.4	3.31	15.178
Lady Laura G. 4th 160242, S. B. & F. D. Van Buskirk	369.1	4.10	15.117

of the word, evidently inheriting the individuality of his famous dam, which he has transmitted with remarkable success to his offspring. He will head a herd of one hundred and fifty cows, and we feel assured the Oneida Community will have reason to be proud of their new herd sire.—Stevens Brothers Co.

KING OF THE BLACK AND WHITES

He is the sire of King Walker Champion the bull to be sold in the Earlville Sale, May 8th.

King of the Black and Whites is the only bull of the breed whose 7 nearest dams average 31.04 lbs. for 7 days and 6 of the 7 are 30 lb. cows and 6 of his 7 nearest dams have 30 day records that exceed that of any other Holstein-Friesian sire. Four of the 30 lb. dams have produced 30 lb. daughters. Three of his 30 lb. dams have produced 30 lb. daughters that have each produced 30 lb. daughters.

There are only 4 families of 3 generations of 30 lb. cows and 3 of the 4 are in the pedigree of King of the Black and Whites. The only one of his 7 nearest dams that is not a 30 lb. cow, Margaret Rouble Hartog, record 23.81 lbs., is the only cow of the breed to produce a 30 lb. daughter that is the dam of a 30 lb. Jr. 4 yr. old and this Jr. 4 yr. old is dam of the only 30 lb. Sr. 3 yr. old of the breed to give over 2900 lbs. of milk in 30 days.—A. A. Hartshorn Holstein Co., By I. U. Scott.

TWO GREAT SIRES

Editor H.-F. World:—

I am sending you an advertisement concerning Sir Prilly Walker, to supplant the advertisement of Lewis Prilly Rouble Hartog 2d in your last issue.

It seems to me difficult to make choice between these two animals. Sir Prilly Walker's four generation pedigree has produced what we believe to be the largest number of thirty pound cows, including daughters, granddaughters and great granddaughters of any four generation pedigree that I can find; while Lewis Prilly Rouble Hartog 2d's four generation pedigrees has produced three families, in each of which a cow of more than thirty pounds has a thirty pound daughter and a thirty pound granddaughter.

I am never so much interested in one particularly high record in the selection of animals for breeding purposes. The great thing is to choose animals of the greatest prepotency, and as closely related as possible to the animals you wish to breed from. When we recall that 93.75 per cent of Sir Prilly Walker's blood is derived directly from Hengerveld De Kol, Johanna Rue 3d's Lad, Admiral Walker Pietertje, Susie De Kol and Prilly, and that the other 6.25 per cent from Homestead Vernon De Kol, he does seem to be a royally bred animal, and his daughters seem to show that this prepotency has been centered in him.

From the combined blood of Lewis Prilly Rouble Hartog 2d and Sir Prilly Walker we have a right to expect the very greatest results. I do not know of any way by which better combination can be made.—John C. Sharpe, Blairstown, N. J.

Jessie Nellie Ann McGinty 93276, H. A. Palmer	409.9	3.66	14.985
Snoua Pietertje Onyx 124768, Charles M. Gibbs	405.0	3.66	14.817
Foekje Abbekerk Burke 2nd 137082, A. G. Doren	415.6	3.55	14.739
Pine Lane Voliska De Kol 93840, C. L. Snyder	504.2	2.89	14.585
Belle Maid 2nd Wayne 121822, Albin R. Pfau	518.2	2.81	14.543
Cleopatra Mechthilde 123571, Fred Risch	520.2	2.78	14.437
De Kol Mohawk Queen 81398, Nottingham Farms	466.5	3.09	14.423
Hopeful Beauty Colantha 105881, John E. Potter & Son	464.5	3.04	14.119
Fifteen-day record	977.6	2.88	28.203
Zella of Chimacum 101863, J. C. Burnam	498.9	2.81	14.044
Cornucopia Fedora De Kol 120801, Gordon & Calvert	446.8	3.14	14.027
Hollins Holly 108573, Hollins College	378.7	3.66	13.851
Corintha 3d's Queen 92162, C. A. Campbell	413.5	3.31	13.688
Medica De Spofford 85266, A. L. Lamunion	402.5	3.40	13.670
Augusta Daw 111435, J. H. Haines	438.8	3.11	13.650
Carlisle Clothilde De Kol 84343, Nottingham Farms	359.7	3.79	13.644
Last Chance De Kol 120643, C. L. Snyder	470.2	2.90	13.629
Queenie De Kol Maid 117789, Carlton S. Ellis	412.9	3.29	13.601
Clear View Hazel Spofford 103924, Pythian Home	366.7	3.70	13.556
Marjorie Princess 96628, Harry Mack	527.8	2.56	13.516
Albino Clothilde Cornucopia 88130, S. B. Taylor	391.8	3.33	13.043
Pearl of Savoy 6th's Mechthilde 2d 127963, S. B. Taylor	396.0	3.27	12.939
Blanche Pietertje Netherland 92391, Fred N. Watkins	371.3	3.48	12.911
Midget De Kol Voliska 108662, C. L. Snyder	442.7	2.88	12.789
Princess Genesta Lassie 113345, L. D. Morrissey	373.0	3.40	12.677
Beachview Katrina De Kol 107557, J. C. Burnam	365.3	3.45	12.590
Claricy Kid 82213, Vermont State Hospital	342.9	3.65	12.502
Diana Clothilde 2nd 124731, E. A. Powell	396.9	3.10	12.319
Pietertje Mondamin Nina 67746, A. C. Bickford	371.9	3.28	12.213
Waterbury Nellie De Kol 97044, Vermont State Hospital	394.6	3.09	12.176
Dartha 99427, M. C. Johnston	384.4	3.13	12.019
SENIOR FOUR-YEAR CLASS			
Piebe Ormsby Duchess 2d 119611, John Arfmann	471.7	4.52	21.311
Jane De Kol Manor Beets 2nd 122646, Henry S. Hale	518.6	3.65	18.952
Princess Pietertje Juliette 2d 129706, Arndt & Freyman	536.8	3.29	17.656
Aaggie Mercedes Pauline 2d 126362, Alfred McMartin	444.5	3.67	16.297
Aaggie Beets Statesman 124439, A. E. Ormsby	426.0	3.81	16.220
Blanche Pietertje Veeman 134548, Fred N. Watkins	430.7	3.76	16.174
Diana Clothilde Artis 2nd 167014, E. A. Forbush & F. P. Sutliff	446.8	3.42	15.281
Susie Carrie Johanna 2d 180810, H. T. Snell	408.1	3.74	15.250
Clara Koningin De Kol 121530, E. H. Hitchcock	500.4	2.89	14.458
Duchess Copia De Kol 167013, E. A. Forbush & F Sutliff	414.6	3.37	13.978
Maida Wanda 136393, R. D. Lee	305.1	4.46	13.610
Molly Hengerveld De Kol 113856, H. T. Snell	425.9	3.13	13.312
JUNIOR FOUR-YEAR CLASS			
Fairmont Netherland Posch 143880, John Arfmann	511.5	5.09	26.034
Linden Waldorf Beryl 2d 143717, Fred N. Watkins	579.8	4.25	24.613
Thirty-day record	2212.3	4.05	89.643
Maple Crest Pontiac High-lawn 134782, The Maplecrest Stock Farm Co.	434.0	5.66	24.578
Thirty-day record	2142.1	4.50	96.404
Queen of the Hengervelds 140485, F. S. Stimson	643.2	3.32	21.350
Thirty-day record	2773.0	3.07	85.149
Maple Grove Cristy De Kol 140507, F. C. Soule & Sons	467.4	4.34	20.264
Thirty-day record	2038.9	3.94	80.402
Cora Segis Cassiopeia 134141, F. S. Stimson	436.0	4.49	19.580
Queen Ann 2d De Kol Hartog 137131, F. S. Stimson	437.7	4.34	19.000
Mesa Lincoln 126168, University of Nebraska	372.0	4.84	18.018
Thirty-day record	1653.2	4.08	67.503
Melba Clothilde Artis Beets 127908, Failing Bros.	541.0	3.14	17.010
Rowena Korndyke 140765, Frank W. Tucker	478.9	3.51	16.825
Livingston Berthena Scott 136225, Wm. McPherson, Jr.	423.8	3.94	16.696
Fanny Changling Abbekerk 145981, Fred A. Blewer	470.1	3.54	16.660
Rhoda Lilu 137397, Henry S. Hale	493.2	3.37	16.617
Dina Greenwood 142651, E. H. Knapp & Son	458.1	3.54	16.223
Mapleleaf Lady 2d 134556, Kosier Bros.	399.5	4.04	16.127
Alba Clothilde Burke 2nd 131513, W. Fred Harper	537.1	3.00	16.127
Betsey De Kol Pauline Beets 145255, L. E. Connell	593.2	2.70	16.018
Twenty-nine-day record	2390.7	2.70	64.589
Marion Korndyke Segis 136012, M. L. Haley	499.5	3.15	15.716
Clothilde Barbara 3rd 135757, Frank Schivolochi	423.6	3.58	15.183
Goldbron Jamaica 131761, C. A. Preston	442.7	3.36	14.887
Mary McGinty Beets 188811, H. A. Palmer	404.9	3.67	14.862
Taconic Cornucopia Clothilde 222603, W. C. Mason	369.2	3.95	14.583
Dora Tilly De Kol Burke 181693, M. C. Johnston	394.0	3.32	13.077
Dotty Hamilton 137399, Henry S. Hale	429.1	3.02	12.979
Vernon Doris 150642, Edwin M. Jarvis	373.1	3.25	12.132
Orrville Duplicate De Kol 134166, J. Baumgartner	399.7	2.92	11.662
Jewess Lady 136090, E. E. Risley	295.1	3.83	11.303
SENIOR THREE-YEAR CLASS			
Lady Tobe De Kol 149887, John Arfmann	631.0	4.64	29.273
Thirty-day record	2530.5	4.46	112.994
Chesterland Queen 2d 159756, Orvil E. Sooy	450.5	4.17	18.797
Interlaken Princess 141391, Harry Mack	575.0	3.09	17.755
Iona Mutual Friend 147518, Geo. H. Gillespie	472.3	3.55	16.772
Altuna Christina Cornucopia 139696, John Potter	525.2	3.18	16.700
Thirty-day record	2125.7	3.05	64.831
Jewel De Kol Alban 136541, Peter Chambers	410.7	3.96	16.254
Marguerite De Kol Netherland 144080, Geo. W. Berry	478.5	3.26	15.581
Florie De Kol Wayne 137798, F. C. Soule & Sons	419.8	3.61	15.165
Gipsey Hamilton 137396, Henry S. Hale	466.9	3.22	15.026
Leda Josephine Korndyke De Kol 170252, A. W. Morris & Sons Corp.	431.4	3.37	14.520
Nina Rodmer Babe Cecil 148296, Floyd M. Pelton	391.6	3.55	13.910
Fifteen-day record	779.9	3.51	27.376
Jolie Topsy Pauline De Kol 149723, H. D. & H. H. Osmond	371.6	3.71	13.782
Brookdale Pietje Belle 138646, F. C. Soule & Sons	338.3	4.05	13.718
Hester Pontiac Pietertje 156156, J. Baumgartner	451.8	3.00	13.568
Green Plain Pietertje Goldbron 145146, Frank W. Tucker	364.4	3.65	13.306
Lost Wonder Fobes 147638, John B. Irwin	404.9	3.18	12.867
Johanna De Kol Clothilde 4th 149604, J. D. Karlen	356.6	3.50	12.477
Pietertje Lucky Girl 159529, C. L. Snyder	398.4	3.03	12.054
Pietertje Netherland Forum 2nd 153836, Gordon & Calvert	317.2	3.58	11.345
Maples Tilly Belle Dahlia 137828, Pythian Home	321.5	3.26	10.494
Eva De Kol Brank 150387, C. A. Preston	328.6	3.14	10.334
JUNIOR THREE-YEAR CLASS			
Aaggie Pietertje Pledge 160984, John Arfmann	448.7	4.24	19.016
Queen Signet Pietertje De Kol 141926, C. H. Fisk	398.3	4.50	17.910
Mercedes Pietertje Aaggie Texal 3d 160714, E. Cummiskey	446.8	3.81	17.002
Aaggie Mercedes Pauline 3d 155931, Alfred McMartin	444.9	3.81	16.936
Aaggie Hengerveld Pontiac 149257, Mark B. Curdy	498.7	3.36	16.758

NEW ADVERTISEMENTS

Wash. Loan & Trust Co—1200 acre Holstein farm close to Seattle, Wash.

B. E. Mead—Consignment to The 1914 Sale, May 13-14. See Lacona Breeders.

Colvin & Deshane—Consignment to 1914 Sale. See Lacona Breeders.

Wanted—To sell herd bull. Dam 31.62 See Want Ad. Column.

Fairview Farms—Consignment to The 1914 Sale.

E. E. Poole—A splendid bull, Johanna Colantha Netherland, for $175.00.

Tanner & Tooke—Consignment to Madison-Chenango Club Sale, Earlville, May 7-8.

George Sheppard—Bull whose dam and sire's dam average 27 lbs. Low price.

Keyestone Farms—"Sons of a 30-lb. sire."

Nonpareil Farm—King Pontiac Lilith Altoana, servce fee $50.

Crestdale Herd—Breeders of 36-lb. Sr. 3-yr-old, Lady Tebe De Kol. Stock for sale.

Pioneer Oak Stock & Dairy Farms—Consignment to Wis. Breeders' Sale, Watertown, Wis., May 19, 1914.

Vandercamp Farms—Bull calves by Judge Segis, son of King Segis.

Allamuchy Farms—Bull, 3 nearest dams all over 104 lbs. milk per day.

F. C. Whitney—37-lb. bull for sale. See illustration.

Marble Valley Stock Farms—A 26-lb. bull for $150.

A. R. Owen—A. R. O. bull calves and heifer calves.

J. W. Prentiss & Son — "Maplemont Farm in the 1914 Sale."

Woodcroft Farm—Four bred heifers and 3 bulls from remarkable producers.

Maplecrest Stock Farm Co—"Holstein-Friesian Facts that Everyone Should Know."

Utility Herd—Consignment to the 1914 Sale.

R. C. Wells—One or two bull calves from high testing dams.

Hugh J. Davis—Bull calves with strong backing at tempting prices.

John Arfman—"Think of it—A 38.7-lb. bull." Consigned to 1914 Sale.

Woodmont Farms—Consignment to Madison-Chenango Club Sale.

A. W. Brown & Sons—Son of 32-lb. bull and 17-lb. 2-yr-old dam at $100.

W. H. Depew—Bull calf whose 12 nearest dams average over 26 lbs.

A. W. Morris & Sons Cor.—"1037 pounds butter average for three dams."

H.-F. Association—"To prevent summer complaint use Holstein cow's Milk."

Houslet & McNut—Service fee to the $7,000 40-lb. bull, Johanna King Segis is $250 to insure live calf.

Archie Reid, Jr.—"Service bull for sale."

Emblagaard Dairy—Sires in service, Colantha Johanna Champion and Emblagaard Prince.

Stevens Bros. Company—IT, IT, IT, IT, IT, IT, IT, IT, IT, IT, IT, IT, IT, IT.

S. C. Stanchfield—Bull from 25-lb. sire and a few choice young cows at moderate prices.

Public Sale—The New England Sale, Worcester, Mass., May 27-28.

Public Sale—The Madison-Chenango Club Sale, Earlville, N. Y., May 7-8.

Public Sale—The 1914 Sale, Syracuse, N. Y., May 13-14.

Public Sale—Lake Mills 9th Semi-Annual Sale, May 11, Lake Mills, Wis.

Quite likely we have some people in the country who are not grafters, but they have no social standing.

* * * *

If you get poked in the eye with a hat feather don't mind it—you are no better than the rest of us.

"I am one of your new subscribers and the "World" is just what I have been wanting for some time. I consider the articles on the history of Holstein-Friesians worth many times the price of subscription."

Maud Abbekerk Changeling 164923, Fred A. Blewer	463.7	3.50	16.248
Thirty-day record	1883.8	3.54	66.648
Pietertje Parthenea De Kol 3d 151651, U. of Illinois	380.8	4.24	16.161
Pietertje De Kol Burke 2d 152920, Conn. Agr. College	451.2	3.54	15.993
Thirty-day record	1864.6	3.37	62.884
Lady Buttonwood Mechthilde 141922, Arthur C. Botham	443.3	3.46	15.331
Pontiac Keys 158859, Pontiac State Hospital	380.1	4.01	15.252
Glenice Clothilde Segis 140210, Homer Hall & Fred Gale	408.1	3.60	14.705
Finderne Emma Pontiac 160402, Bernhard Meyer	368.1	3.92	14.415
Beatrice Netherland Genesta 149353, Julius Schmid	310.9	4.45	13.836
Calamity Jane Pride 156750, T. J. Blanchard	384.8	3.60	13.835
Meta Pontiac 153677, Dayton State Hospital	354.5	3.88	13.747
Pontiac Narcissus 158862, Pontiac State Hospital	353.4	3.67	12.959
Hans Beauty 2nd 159549, Oscar F. Merithew	464.4	2.71	12.588
Traverse Grange Lizzie Lass 158509, F. H. Williams	349.4	3.48	12.169
Pride of Center View Farm 2nd 165128, Gordon & Calvert	322.4	3.37	10.864
Hollins Hyssop 142821, Holllins Colllege	359.6	3.01	10.814
Segis Fayne Princess 140769, H. D. & H. H. Osmond	346.0	3.01	10.424
Ormsby Crissie De Kol 167733, E. C. Taylor	293.3	3.42	10.027
Akema Johanna 187446, Oscar F. Merithew	267.8	3.63	9.719
SENIOR TWO-YEAR CLASS			
Princess Abbekerk 168850, Fred A. Blewer	442.5	3.66	16.176
Thirty-day record	2037.0	3.27	66.538
Molly Johanna Beets 182736, E. E. Risley	422.8	3.38	14.294
Pontiac Ugradiva 174688, Pontiac State Hospital	340.3	4.14	14.103
Melba Clothilda Concordia 158571, Failing Bros	380.2	3.57	13.576
Naiad Clarkhurst De Kol 2nd 162905, Bernhard Meyer	347.8	3.90	13.550
Lorella Wayne Hengerveld De Kol 150229, H. T. Snell	416.6	3.23	13.447
Ettabelle Hengerveld 159436, W. C. Keenan	374.9	3.57	13.397
Sunny Side Einetta May 180193, L. D. Morrissey	414.7	3.23	13.380
Maple Crest De Kol Pontiac Dora 172726, The Maplecrest Stock Farm Co.	287.6	4.55	13.081
Lady Beets Ormsby 209891, Frank W Tucker	348.3	3.46	12.041
Kathleen De Kol Posch 160715, Edward Cummiskey	407.8	2.92	11.916
Azubah Beryl Wayne 3rd 226353, W. P. Garnsey	363.1	3.26	11.830
Princess Indi Burke 2nd 226354, W. P. Garnsey	368.5	3.20	11.785
June Hengerveld 169953, G. T. Tuckerman	253.2	4.60	11.664
Sadie Dowager 176090, Frank W. Tucker	310.9	3.69	11.480
Colantha Pietertje Johanna 183540, C. R. Allen & Son	373.0	3.08	11.470
Carrie Posch De Kol 168595, Mark B. Curdy	320.8	3.47	11.127
Hartog Concordia 171428, Mark B. Curdy	348.1	3.19	11.104
Sebring Adella Belle 2nd 171291, Sam Werren	307.9	3.54	10.890
Boukina Fay 3rd 172398, F. A. Walworth	360.6	2.98	10.728
Fourteen-day record	714.5	2.92	20.885
Daisy Ormsby De Kol Mercedes 162512, R. A. McLery	318.8	3.36	10.709
Nan De Kol Hengerveld 176672, W. C. Keenan	303.3	3.40	10.298
Fourteen-day record	569.9	3.46	19.720
Princess Copia De Kol 2nd 177247, Irving B. Andrew	275.6	3.55	9.796
Lady Richilena Hartog 180019, H. G. Ellinger	301.8	3.16	9.551
Pontiac Zenobia 160553, Pontiac State Hospital	305.1	3.05	9.312
Hamamelis Pontiac 169954, R. C. Melvin	229.9	3.96	9.095
Abbie Imperial 4th 177246, Irving B. Andrew	266.7	3.15	8.400
JUNIOR TWO-YEAR CLASS			
Kalsora Gert 5th 188711, F. H. White	386.1	4.47	17.267
Pietertje Pontiac Princess 4th 184132, F. C. & K. A. Overton	454.2	3.56	16.180
Aaggie Mercedes Pauline 4th 182002, Alfred McMartin	411.9	3.89	16.035
Hillsdale Hijlaard Korndyke Segis 171769, John Arfmann	424.3	3.68	15.632
S. V. H. Daisy 190750, W. D. Robens	453.8	3.42	15.501
Thirty-day record	1764.9	3.65	64.428
Miss Skylark De Kol Ormsby 199651, John B. Irwin	353.5	4.08	14.415
Maplecroft Artis Segis 188714, F. H. White	351.8	4.08	14.350
Queen De Kol Golden Segis 174938, M. B. C. Orphanage & Home	291.0	4.76	13.854
Fourteen-day record	579.8	4.43	25.737
Lady Hengerveld Rosewood 178938, Lakewood Farm	360.9	3.83	13.834
Pontiac Ysolde 173439, Pontiac State Hospital	387.6	3.55	13.769
Colantha Pontiac Von Hengerveld 189951, C. S. Zeliff	362.4	3.77	13.663
Finderne Butter Adelina De Kol 2nd 193212, Bernhard Meyer	341.8	3.99	13.635
Elnora King Pontiac Von Hengerveld 194766, C. S. Zeliff	375.8	3.63	13.627
Aaggie Leila Pauline 3rd 179315, T. J. Blanchard	397.0	3.39	13.475
Jolie Segis De Kol Onyx 175062, C. H. Fisk	366.0	3.64	13.321
Lucy De Kol Pontiac 189941, Fred N. Watkins	464.3	3.54	12.887
Hilda De Kol Welsrijp 207025, L. E. Connell	454.9	2.83	12.880
Thirty-day record	1890.0	2.87	54.151
Delta Johanna Pontiac 185763, E. E. Risley	360.1	3.57	12.842
Segis Rauwerd 188715, F. H. White	383.6	3.20	12.278
Elsie Netherland Pontiac 192832, Fred N. Watkins	320.3	3.81	12.214
Huldah De Kol Pontiac 192831, Fred N. Watkins	317.4	3.84	12.192
Neta De Kol Segis Korndyke 174937, M. B. C. Orphanage & Home	272.0	4.44	12.090
Bessie Calamity Beets 2nd 188713, F. H. White	333.6	3.57	11.915
Buttercup Segis De Kol Korndyke 174936, M. B. C. Orphanage & Home	306.3	3.85	11.778
Fourteen-day record	628.5	3.56	22.386
Rose Hall Princess 178652, M. B. Curdy	335.5	3.49	11.699
Stella Mechthilde Pontiac 189943, Fred N. Watkins	272.2	4.23	11.507
Inka Veeman Pontiac 190961, Fred N. Watkins	272.2	4.23	11.507
Sunny Side Princess Albina 190196, L. D. Morrissey	354.2	3.22	11.411
Thirty-day record	1437.0	3.21	46.113
Queen Pontiac Segis of Lyndon 184767, Lyndon School of Agriculture	318.0	3.56	11.336
Pink Model Aaggie 202656, Henry S. Hale	301.4	3.72	11.219
Sunny Side Irene De Kol 214769, L. D. Morrissey	342.3	3.26	11.162
Elmwood Sadie Cornucopia 176537, John E. Potter	400.5	2.75	11.021
Mercedes Dowager Beets 184832, Frank W. Tucker	343.2	3.19	10.942
Lyndon Queen Segis Alban De Kol 184766, Lyndon School of Agriculture	332.9	3.25	10.830
Zella De Kol Pauline 3d 179320, T. J. Blanchard	323.8	3.30	10.687
Northvale Korndyke Dora 182223, A. G. Doren	315.2	3.38	10.656
Mabel Aaggie Colantha 189338, Est. August Timm	354.1	2.99	10.578
Rose Whiteness Veeman 189942, Fred N. Watkins	243.8	4.33	10.563
Hillvale Genevieve 166444, John B. Irwin	293.4	3.57	10.468
Voliska Pet 199095, C. L. Snyder	288.1	3.63	10.460
Truide Segis Pietertje 191410, A. L. Kessler	352.6	2.94	10.377
Aaggie De Kol Artis Concordia 191892, Failing Bros	353.1	2.82	9.942
Hazel Huntress Beets 2nd 186179, Schumacher Bros	319.6	3.06	9.786
Cold Spring Johanna De Kol 2nd 178962, A. Rarick	272.6	3.54	9.662
Beets Manor De Kol Uilkje 189339, Est. Aug. Timm	323.1	2.95	9.535
Tromp Pender 173697, C. L. Snyder	297.5	3.18	9.473

(Continued on page 554.)

THE SALE WITHO

Six 30-lb. Cows and a Sc

THE 191

180 UNBLEMISHED HOLSTEINS O

Consigned By Dee

HERE ARE THE ME

John Arfmann, Middletown, N. Y.
J. W. Prentiss & Son, Alstead, N. H.
H. G. Beyer, Jr., Portland, Me.
Bernhard Meyer, Finderne, N. J.
A. L. LaMunion, New Woodstock, N. Y.
R. T. Eastman, Littleton, N. Y.
J. H. Hamer, Lacona, N. Y.
F. W. Scott, Granville, N. Y.

THE 1914 SALE is the fifth in a remarkable series. Here are a few o

1. CONSIGNED BY JOHN ARFMANN—

Wachusett Catrina (32.7 lbs.), the only cow of the breed that has produced over 600 pounds milk in seven days in official test four different years. Her best seven-day record is 768 pounds. One of her daughters is now crowding the World's Record in the junior two-year class.

A bull calf whose two nearest dams average 38.72 pounds, three of whose nearest dams average 37.27 pounds. THE GREATEST BULL CALF OF 1914. There is a fortune here for the lucky purchaser, no matter what the price.

Two young sons of King Segis Pontiac Alcartra, one from a 26-lb. daughter of a 29-lb. cow; the other from a 31-lb. dam.

A 26-lb. daughter of a 25-lb. cow, and her daughter by Spring Farm King Pontiac (she already has one 30-lb. daughter).

Two two-year-olds whose four nearest dams average over 29 pounds and over 31 pounds.

A 25-lb. four-year-old daughter of a 28-lb. cow.

A 25-lb. daughter of a 28-lb. cow.

2. J. W. PRENTISS & SON CONSIGN—

Lyndon Alcartra Polkadot (32.67 lbs.), a sure 35-lb. cow next time — a daughter of the famous 29-lb. cow, Alcartra Polkadot, and Mooie Fayne De Kol, whose dam has a 35-lb. record. Her owners pronounce her "the greatest cow ever led into a public sale ring."

A yearling son of King Segis Pontiac Alcartra, from a 27-lb. three-year-old daughter of a 32-pound cow. Individually and in breeding this bull has few equals.

A daughter of Pontiac Korndyke, from a daughter of Dutchland Sir Pontiac Rag Apple.

A 23.99-lb. daughter of the 32-lb. sire, Pledge Spofford Calamity Paul, who now has two 30-lb. daughters.

A three-year-old son of a 32.7-lb. cow. His two nearest dams average over 774 pounds milk in 7 days.

"The best consignment that ever left the farm"—that's what Prentiss & Son promise—and we all know what that means.

3. BERNHARD MEYER CONSIGNS—

Unity Pauline Johanna (33.06 lbs.), the fourth 30-lb. daughter of Johanna Rue 3d's Lad. Only two cows with larger seven-day records have ever been sold in a public sale.

Finderne Pontiac Twisk, a 30-lb. senior three-year-old, sired by Gordon Glen Pontiac, and thus a sister to Finderne Pontiac Netherland (28.26 pounds), the World's Champion junior two-year-old.

A heavy producing sister to the new World's Champion junior three-year-old, Finderne Holingen Fayne (36.[illegible] pounds).

A 19-lb. two-year-old daughter of a 32-lb. cow.

A 21-lb. two-year-old daughter of a 25-lb. cow.

4. GEO. WINTER & SON CONSIGN—

Plattekill Pietertje Cornucopia (32.43 lbs. at 4½ yrs.), *the largest record four-year-old ever offered in public sale*, now five years old and in the pink of condition.

Frances Korndyke Harlingen, a 29.41-lb. four-year-old sister to a 32-lb. cow.

5. F. W. SCOTT CONSIGNS—

Briar Daisy, a daughter of Pontiac Jewel Butter Boy. Last week we mentioned her as a 25-lb. cow, a good candidate for a 30-lb. record. Mr. Scott now writes: "Briar Daisy is now in test and has over 30 pounds to her credit, after dropping twin calves."

In this consignment is a daughter of Briar Daisy by Pietje 22d's Woodcrest Lad; also daughters of Woodcrest Pietje, Changeling Butter Boy, and several sisters of Briar Daisy.

A brother to the new champion three-year-old in semi-official yearly test.

6. H. G. BEYER, JR., CONSIGNS—

A 28.69-lb. three-year-old daughter of De Kol Creamelle Pontiac Butter Boy.

Two 23-lb. daughters of Sir Tehee Cornucopia, one from a 25-lb. dam.

THE 1914 SALE is the culminating sale of the Spring Sale

KELLEY-HAEGER-MACK, Auctioneers

N. B. When writing for catalog be sure to state whether

HOUT A PARALLEL

a Score of 30-lb. Prospects

914 SALE

INS OF DEPENDABLE QUALITY 180

Dependable Breeders

E MEBACK OF THE CATTLE

Colvin & Deshane, Richland, N. Y.
C. D. Fortnam, Tyler Hill, Pa.
Fred E. Wells, Syracuse, N. Y.
E. J. Mead, Lacona, N. Y.
Geo. Winter & Son, Chateaugay, N. Y.
B. E. Mead, Lacona, N. Y.
Utility Herd, Lacona, N. Y.

few of the reasons which distinguish it as THE SALE WITHOUT A PARALLEL

A daughter of Paul Piebe De Kol, with a year's milk record of over 19,000 pounds.

Daughters of Admiral Walker Pietertje and King Segis.

A son of Johanna King Segis (the 40-lb. bull), from a 26-lb. dam.

The 23 members of the Beyer consignment are all worthy of special mention.

Concerning his consignment Mr. Beyer writes: "My consignment of heifers in milk in the Dairymen's Guaranty Sale averaged $403.00, and since that is the case, this consignment ought to average $700.00."

7. A. L. LA MUNION CONSIGNS—

Twenty-six head that will be a credit to his herd. All together they are a remarkably even bunch individually, and include several heifers with fine A. R. O. records, also daughters of his herd sire, who was by one of the best sons of King Segis, from a 27-lb. granddaughter of Sir Korndyke Manor De Kol.

8. R. T. EASTMAN CONSIGNS—

A four-year-old daughter of Pearl of the Dairy's Joe De Kol.

A yearling daughter of King Segis Pontiac Alcartra, the $10,000 bull. His daughters are not often offered for sale.

A yearling son of "King," from a 27-lb. three-year-old daughter of a 32-lb. cow. Where else can you buy one of these sons ready for service?

9. J. H. HAMER CONSIGNS—

Eight two-year-old daughters of Sir Korndyke Burke De Kol, who was by Sir Korndyke Manor De Kol, and from a 23-lb. daughter of De Kol Burke; 2d dam a 24-lb. daughter of Paul Beets De Kol.

Several two-year-old daughters of Pleasant Hill Pontiac Climax, who was by Sir Korndyke Pontiac Artis, and from a 23-lb. three-year-old daughter of Sir Veeman Hengerveld. These are extra-desirable heifers, and all have been bred to a bull of high A. R. O. backing.

10. COLVIN & DESHANE CONSIGN—

A six-months-old son of the $15,000 44-lb. bull, from a 21-lb. dam of great quality. The two nearest dams average nearly 33 pounds. This is another great opportunity.

Ten sisters, all by the same sire—just under a year old.

11. C. D. FORTNAM CONSIGNS—

A daughter of Sir Woodcrest Korndyke Kate De Kol, whose 15 A. R. O. daughters average better than 25 lbs., the number including cows with records of 32, 34 and 36 pounds.

Several daughters of Dutchland Colantha Artis Lad.

12. FRED E. WELLS CONSIGNS—

A yearling daughter of King Pontiac Calypso, one of the very best sons of King of the Pontiacs.

Granddaughters of De Kol Burke, The King of Butter Kings, King Segis and Prince Segis Korndyke.

13. B. E. MEAD CONSIGNS—

A splendid heifer safe in calf by the $15,000 son of the 44-lb. cow.

14. E. J. MEAD CONSIGNS—

Four heifers of the right type, which will make money for the purchasers.

15. UTILITY HERD CONSIGNS—

Two three-year-old daughters of Sir Korndyke Manor De Kol, one of the breed's greatest sires. One has a two-year-old record of 17.5 pounds. Both are from 20-lb. dams, and are candidates for big records. There will not be many more chances to buy daughters of Sir Korndyke.

An 18-lb. junior two-year-old daughter of the 35-lb. sire, Mooie Fayne De Kol—a show heifer destined to make a great record.

A 15-lb. junior two-year-old daughter of Urmagel Segis, who was by a 29-lb. son of King Segis, and from a 22-lb. three-year-old daughter of a 21-lb. cow.

Sale season. Can you afford to miss an event of this character?

E. M. HASTINGS, Sale Manager, Lacona, N. Y.

ether you expext to attend the sale, also mention the WORLD

OFFICIAL RECORD OF HOLSTEIN-FRIESIAN COWS.

(Continued from page 551.)

Keystone Segis Johanna 181907, C. A. Pratt	287.4	3.28	9.417
Elmwood Pietertje Homestead 228159, Wm. Millar Jr.	256.9	3.65	9.382
Edenwold Pauline Hengerveld 185732, F. L. Stone	302.3	3.08	9.317
Hadassa May Pontiac De Kol 190952, W. McPherson, Jr.	293.5	3.15	9.224
Bessie Cornucopia Mercedes 173712, John E. Potter	276.1	3.32	9.158
Goshen Beauty Johanna 194401, Sam Werren	285.4	3.21	9.153
Koopal Princess Pietje 173696, C. L. Snyder	262.1	3.48	9.124
Vashti Lady 189119, Lakewood Farm	294.2	2.98	8.773
Valley View Queen Pontiac 194302, S. B. Taylor	245.6	3.51	8.627
Diana Concordia Clothilde 182079, E. A. Powell	264.5	3.26	8.614
Miss Vernon Helena Burke 177213, J. H. Haines	247.7	3.44	8.531
Leta Beryl Wayne 191143, J. D. Karlen	271.8	3.11	8.440
Susie Buckeye Countess 168910, George Dague	266.1	3.14	8.347
Brada De Kol 4th 173694, C. L. Snyder	291.7	2.84	8.278
Johan Hengerveld Belle 168319, Jas. Couzens	282.9	2.89	8.169
Maples Cornucopia Donabelle 169891, Pythian Home	221.5	3.65	8.087
Mercedes Soldene De Kol 3d 177238, Irving B. Andrew	282.2	2.85	8.030
Aaggie Colantha Leila De Kol 177237, Irving B. Andrew	231.9	3.42	7.933
Essie Lincoln 178369, University of Nebraska	258.8	3.06	7.924
Daisy Ruth De Kol 186829, E. A. Powell	230.4	3.38	7.798
Brada De Kol Pietje 178855, C. L. Snyder	240.0	3.22	7.728
Johan Oosterbaan De Kol 167290, Jas. Couzens	270.6	2.80	7.588
Minna Helena Burke 179766, J. H. Haines	257.4	2.92	7.522
Aaggie Jewel Korndyke 178217, M. C. Johnston	257.5	2.90	7.471

HOLSTEIN-FRIESIAN BREEDERS' MEET

The California Holstein-Friesian Breeders' Association held an interesting convention at Modesto on April 2d, taking advantage of the fact that many breeders would be present to atttend the Jersey sale of G. O. Hillier on the same date. Several important matters came up before the meeting, the leading one being the determination of the California Holstein-Friesian interests to have the breed well represented at the Panama-Pacific Exposition next year. The association is thoroughly in accord with the plan of the livestock department of the exposition to maintain exhibition herds of the different breeds of livestock throughout the entire period of the big show, and to the end that the Holstein-Friesian breed will have the best representation possible, the California breeders are backing the undertaking enthusiastically. The association will raise a fund for this purpose and it was also decided at the meeting to urge the Holstein-Friesian Association of America at its next meeting to make a liberal appropriation for the same purpose.

Another matter acted upon was in regard to membership. The by-laws were changed, limiting membership strictly to breeders of registered Holstein-Friesians and the annual dues were fixed at $5 instead of $1.00, as heretofore.

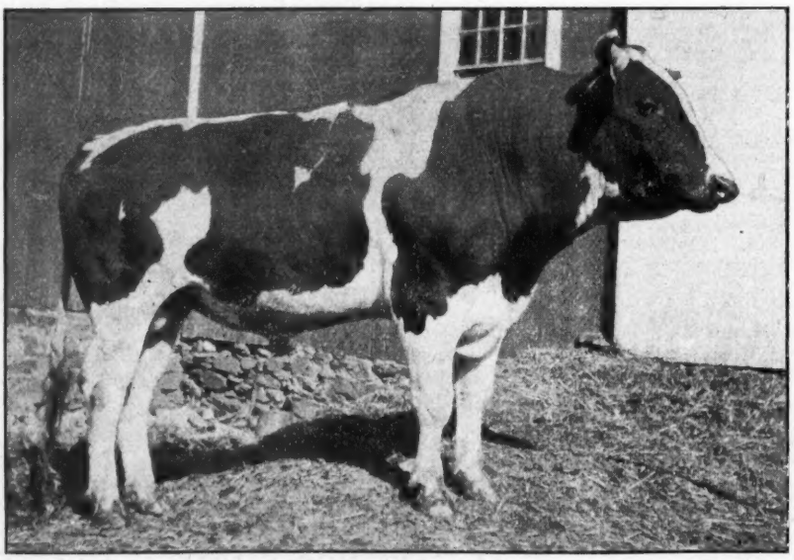
A banquet was held in the evening in which 58 persons participated, including a number of students of the University Farm School and Prof. Gordon H. True. It was an enjoyable affair and the addresses served to bring out the enthusiasm that prevails among California Holstein-Friesian men for their favorite breed.

The election resulted in Mr. P. H. Davis, of San Anselmo, being chosen president and J. W. McAlister, of Chino, was re-elected secretary and treasurer. The executive committee consists of Messers. A. W. Morris, of Woodland, A. B. Kendall, of Modesto, and J. W. Clark, of Hanford. With such an able force of officers and important work ahead the California Holstein-Friesian Association is going to be heard from.—*Pacific Dairy Review.*

PLANTAIMS

Consul Henry D. Baker, India, speaking of the bannana says that "all kinds of this fruit are indiscriminately called plantains, and that after mangoes, plantains are the commonest and most highly prized of all Indian fruits." He states that "it has been proven that the product from one acre will support a much greater number of people than a similar area under any other crop, and the immense yield may be preserved for an indefinite period by drying the fruit and preparing meal from it. Other parts of the plant besides the fruit are used for food. The flower heads of many kinds are cooked, and the inner portions of the stem, called thos, is also edible. The shoots and tops of young plants are occassionally used as a vegetable and are given as fodder to sheep and cattle. The outer sheaths are valued as elephant fodder and the root stock is sometimes given to cattle to increase the quantity of milk."

"We are very well pleased with the paper and would feel lost without it." —W. L. Peick, Littleport, Ia.



KING OF THE BLACK AND WHITES
"The bull which carries the strongest transmitting blood of any bull of the breed."

HORNLESS HOLSTEIN-FRIESIANS

Don't cut, saw or burn the horns off—breed them off. Buy a polled bull guaranteed to produce more than 50 per cent of hornless calves from horned cows. The polled trait recognized by the Holstein-Friesian Association of America in 1887, Volume 3, Bulls.

Of 27 calves from our matings only 5 with horns; 2 out of 8 from horned dams are hornless. Bull calves three to six months of age from A. R. O. dams, $100 up. Have shipped to Indiana, Iowa, Colorado, Connecticut and Pennsylvania—every purchaser pleased. Send for catalogue.

Geo. E. Stevenson & Sons, Waverly, Pa.

WALKER LILITH ALTOANA

is the only bull in the world whose dam ever made a World's Record as a two-year old, and again as a three-year-old, her two records averaging over 30 lb. Her 3-year-old record is 33.6 lb

Service fee—$50.00.

HAROLD F. HUBBS :-Kirkville, N. Y.

A 32-lb. AVERAGE

for his four nearest dams—these are the latest figures for our herd sire. Pietje Alcartra Fayne. He is a bull with a future.

J. W. PRENTISS & SON,

Maplemont Farm :: Alstead, N. H.

NONPAREIL FARM

HERD SIRE, King Pontiac Lilith Altoana No. 107196. Service fee $50.

Special dairy rate.

Visitors at the Club Sale are cordially invited to come and look over our herd.

FAY & CLOYES, Props.

Earlville, N. Y.

YEARLING BULL FOR SALE

Born January 19, 1913.

A fine individual, nicely marked and a show bull. His dam, one of the best daughters of Aaggie Grace Butter Boy, has just made 575 lbs. milk and 28.97 lbs. butter in 7 days.

His service, Prince of Wayne Korndyke No. 51138, is from one of the very best daughters of De Kol 2nd's Butter Boy 3d.

Write for pedigree and price and let me tell you more about this fellow.

C. E. CHASE,

Edmeston, New York.

SON OF RAG APPLE KORNDYKE

—named Rag Apple Netherland No. 106989; born March 4, 1912. A fine individual, more than three-fourths white. Dam is Margie Netherland 2d 156850, with an A. R. O. record of 22.73 pounds butter in seven days, 80 lbs. milk in a day.

Here is a 27-lb. average, and splendid breeding.

For lowprice and other details address

George Sheppard, Heuvelton, N. Y.

VANDERKAMP FARMS

Holstein Bull Calves by Judge Segis Son of Famous King Segis

From A.R.O. dams. Two ready for service
Fine individuals—well marked

F. C. SOULE & SONS, SYRACUSE, N.Y.

RODGERDALE HOLSTEINS.

FOR SALE—1 yearling bull from a 19.30 lb. dam; and bull calves sired by Sir Johanna Lady Korndyke No. 84720. his dam Pontiac Lady Korndyke 38.03. For price etc. address

M. J. RODGER
Hammond, N. Y.

Alfalfa Hay

FOR A. R. O. TESTS

PIONEER FARMS

E. K. MUNRO Camillus, N. Y.

? HAVE YOU .

bought that bull yet? We offer a son of our herd sire, Pontiac Triumph Cornucopia, who was by Pontiac Cornucopia, and from a 25-lb. daughter of Hengerveld De Kol. The dam is a 19-lb. daughter of Belle Korndyke Beryl Wayne. Calf was born October 20, 1913, and is a bargain at our price.

H. C. STANTON,
Clifton Heights, Delaware County, Pa.

FOR SALE—Must sell 15 or 20 pure-bred cows and heifers at once. Tuberculin tested and right in every way. Every cow in my herd a regular breeder. Some with A. R. O. records, well bred and good individuals. If you want that kind, come and see them.

J. G. HORNER Lamson, N. Y.
17 miles north of Syracuse on
D. L. & W. Railroad

FOR SALE

Bull calves nicely marked and well grown. Grandsons of Pontiac Korndyke out of good A. R. O. dams.

For pedigree and price write

L. W. DURGAN,
Saranac Lake, —:— New York.

FOR SALE—Ten choice registered cows.—From 3 to 6 years old. Good individuals and good producers, some with A. R. O. records, bred to 30-lb. sire. $175 to $225. Also two bull calves, nicely marked, good individuals, from 15-lb. 2-yr.-old dams and 30-lb. sire. $50.00 each.

L. W. PRATT, LeRaysville, Pa.

CREAMELLE VALE BLOOD FOR SALE.

A bull calf born Dec. 6th whose sire is by Dutchland Sir Pietertje Hengerveld and a daughter of Creamelle Vale, the world's record cow for yearly milk production. His dam is by the 30-lb. bull, Elzevere Sir Canary Barnum De Kol.

Send for pedigree if you want this prize.

BEACH & WIRT,
Battle Creek, Michigan.

FOR SALE BULL CALF

Born March 3, 1914, over one-half white. Sire's dam, 25.27 junior four-year-old; dam, 19.32 as a junior four-year-old. Her sire is half-brother to Johanna De Kol Van Beers. Also a few choice young cows at moderate prices. Come and see them.

S. C. STANCHFIELD, Fond du Lac, Wis.

RIVERSIDE STOCK FARM

offers Holstein-Friesian Bull born Nov. 18, 1913. Sir Aaggie Cornucopia Johanna Lad 7th, a 32-lb. bull. Dam a 17.50 two-year-old daughter of King Hengerveld Segis. A fine individual, nicely marked.

Price $100.00.

A. W. BROWN & SONS,
W. Winfield, N. Y.

King Segis Champion 71546

World's record average first prize winner. Greatest breeding and individuality. Service fee $200. Send for plate and pedigree. Choice stock always for sale.

E. C. BRILL

Stewartsville, Warren Co., N. J.

THE STANLEY ENGRAVING CO.

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Half tones, 3x4, at the low price of $1.50. Cuts that will run. References, this paper. Satisfaction guaranteed.

Library Bldg., Tioga St., Ithaca, N. Y.

In Colorado
Silver Cup Herd
HAS FOR SALE

Four bred heifers, sired by a son of Pontiac Korndyke. In calf to a grandson of King of the Pontiacs through his sire and of Pontiac Korndyke through his dam. From A. R. O. dams.

Also three A. 1. extra fancy yearling bulls, similarly bred.

No. 1 has a 100-lb. dam and a 100-lb. 36-lb. granddam.

No. 2 dam made 18 pounds butter as senior two-year-old. In less than 12 months, 19,292 pounds milk, first calf.

No. 3 by a son of Pontiac Korndyke from an untested daughter of King Pontiac Champion.

Address,

WOODCROFT FARM
PUEBLO, COLO.

CRESDALE HERD

Breeders of Lady Tobe De Kol, the World's Record Senior three-year-old with 36.60 pounds butter in 7 days and 141.49 pounds butter in 30 days. King Veeman Pontiac Hengerveld, a son of Arfmann's $10,000 bull, heads our herd. Stock for sale.

J. H. PHELPS & SON
Vernon, N. Y.

DOWNING FARM CONSIGNMENT TO Waukesha Co. Holstein Association Sale May 4, 1914, consists of 10 head of high class A. R. O. Holsteins of popular breeding. Eight cows 6 with yearly records all bred to the great show bull Downing Pontiac Butter Man, who has great yearly record backing. Also 2 fine sons of Butter Man out of yearly record cows.

DR. M. W. DOWNING & BRO.,
Waukesha, Wisconsin.

CASH WANTED FOR REGISTERED FEMALES.

Good individuals finely bred but not officially tested, granddaughters of Korndyke Queen De Kol's Prince and a 25¼-lb. daughter of Paul Beets De Kol, all bred to a 28.82-lb. son of King Segis, from a one time world's record daughter of Paul Beets De Kol. State wants in first letter.

E. TRAVER,
Maple Lawn Stock Farm,
New Berlin, New York.

BLUE BOOK

HOLSTEIN-FRIESIAN ADVANCED REGISTER YEAR BOOK—(BLUE BOOK)—VOLUME 24.

This book of a thousand pages, the first complete compendium of Holstein-Friesian records published by the Advanced Registry Office, contains important information that will not be repeated in future volumes. It is, therefore, indispensable to the breeder who cares for a means of convenient access to the figures for all the official milk and butter records of the breed.

It contains a complete list of all sires, with all daughters that have been admitted to Advanced Registry from the commencement of official tests up to May 1, 1913, with their records. Also lists of the producing sons and daughters of such sires; a complete list of dams of two or more A. R. O. daughters, the daughters' records and the producing sons and daughters of such cows; lists of twenty-five leading animals in each of the seven classes of the four prize divisions, price lists, list of cows tested during that year, with their records, etc.

A limited number of volumes still remaining. Price to members of the H.-F. Association admitted on or before June 2, 1913—$1.00; to all others—$2.00, prepaid.

Address—M. H. Gardner, Supt. of Advanced Registry, Delavan, Wis.

LACONA BREEDERS

Henry Stevens & Son—Ad. on back cover page.

SON OF THE $15,000 BULL

In **the 1914 Sale** at Syracuse, May 13-14, we are consigning a five-months-old son of the wonderful 44-lb. bull. The two nearest dams of this calf average 32.97 lbs. We are also consigning ten sisters—all just under a year old—a very promising bunch individually. Look us up at the Sale.

COLVIN & DESHANE, Richland, N. Y.

PINE RIDGE HERD—Offers a bull calf for $40, from a 20.75-lb. 4-year-old of ideal quality and conformation. Sire is Lord Korndyke 2d, a son of Korndyke Butter Boy, from a 27-lb. daughter of Sir Korndyke Manor De Dol. Bull calf is light in color and a promising individual.

A. T. BLOUNT, Lacona, N. Y.

BELLEVUE HERD—Is headed by King Pontiac Artis Prilly, who was by a son of King of the Pontiacs, and the wonderful prize winner, Pontiac Artis (31.71 lbs. in 7 days, 1076.91 lbs. in a year), and from a great producing daughter of King Prilly, who is a son of Prilly the "Queen of the Breed." This combination is producing a splendid lot of heifers that will be heard from.

H. A. PRESCOTT, Prop., Lacona, N. Y.

---

7 YEARLING HEIFERS FOR SALE

All of excellent breeding; 4 of them are daughters of Christopher Colombo, who was sired by De Kol 2d's Butter Boy 3rd and from a 29.87-lb. daughter of Hengerveld De Kol.

R. D. Reynolds, Lacona, N. Y.

THE LACONA HERD

is consigning to the 1914 Sale—May 13-14—a splendid yearling heifer of the show quality, in calf by the $15,000 son of the 44-lb. cow.

All the Johanna heifers are sold except the four that are in milk.

We have other good ones.

B. E. MEAD, Lacona, N. Y.

AT THE EDGE OF THE VILLAGE OF Lacona is a herd worth looking into. Its members are fine individuals of considerable breeding, and many of its females have been bred to Henry Stevens & Son's great young bull, Spring Farm King Pontiac 6th. Next spring we may have some calves of this breeding to offer for sale.

Jay Bettinger, Lacona, N. Y.

BROOKDALE HERD, two miles north of Lacona, is a breeder's herd, and has only its own surplus to offer. This herd was built up from good foundation stock purchased from Henry Stevens & Son, and has always been headed by high class bulls, the present herd sire being a son of King Pontiac Artis and from a 25-lb. dam. A few calves and heifers usually for sale.

J. D. Hagan, Mannsville, N. Y.

HOMESTEAD HERD

The blemished cows previously advertised are sold. We can now offer some extra nice young cows and heifers, right in every way, bred to Albina Butter Boy—the 29.7-lb. son of De Kol 2d's Butter Boy 3d. These are the profit-producing kind. Their next calves will be worth nearly as much as we are asking for the cows themselves

D. J. HOLLIS Lacona, N. Y.

WHEAT HILL HERD

Is represented in New York State Breeders' Sale, May 5 and 6, by more than a dozen of the best the herd affords, including a 3-year-old daughter of Korndyke Butter Boy, a 4-year-old daughter of Pontiac Jewel Butter Boy, a 20.66-lb. 3-year-old daughter of Fayne Sir Mutual De Kol, a granddaughter of Belle Korndyke, 3 daughters of Segis Walker King, etc., etc. This consignment is representative in quality and will please the buyer who is looking for good goods. Everything old enough is bred to Albina Butter Boy, or our 29-lb. son of Sir Veeman Hengerveld.

Wm. J. Snyder, Lacona, N. Y.

A big man is big enough to change his mind.

AURAY FARMS

We specialize in the blood of **De Kol 2d** and **King Segis** (seven 30-lb. daughters, the greatest of all combinations).

Senior Sire: Mutual Pietertje Paul, the best grandson of **De Kol 2d** through her greatest transmitting son.

Junior Sire: King Segis Pontiac Clorinda, grandson of **King Segis** through his greatest son; and from a record daughter of **King of the Pontiacs.**

We offer another exceptional individual by our junior sire, this time from a young A. R. O. daughter of **Winana De Kol King Segis,** whose dam was **Winana De Kol Korndyke** (31.22 lbs.) Born Jan. 28, 1914. A double great grandson of **King Segis.** The four dams in third generation average 29.34 lbs.

PRICE $150.00.

Satisfaction and safe delivery guaranteed.

Write at once for pedigree and full particulars.

AVERY FARMS

F. M. Avery
I. M. AVERY, Manager.

Sparta, Sussex Co., N. J.

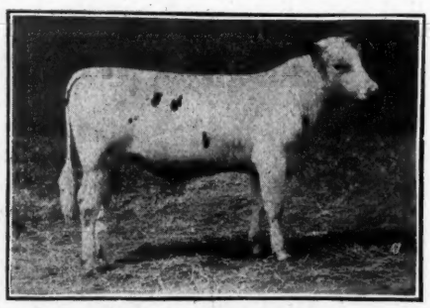
IT IT IT IT IT IT IT IT IT IT IT IT IT IT IT IT IT IT

Some records of his dam:—

Butter, 7 days .... 37.21 lbs.
Butter, 30 days....145.29 lbs.
Butter, 365 days...1271.6 lbs.
All world's records when made.
Five records average 30.14 lbs.
Three above 30 lbs. in 7 days.

Some records of his sire's dam:—

Butter, at 3 yrs. 3 mo. 26.17 lbs,
30 days, same age.. 107.83 lbs.
World's rec. in class when made.
Butter, 7 days ..... 35.56 lbs.
Butter, 30 days .....145.66 lbs.
World's record when made.



"IT" NO. 105147.

His calves show inidviduality of the highest order. YOU know they inherit the blood of CHAMPIONS. Get one, and you will be IT.

STEVENS BROTHERS COMPANY,
Liverpool, New York.

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WARDE R. WEILER
WARREN, PA.

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Write early for terms and dates.

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Always on the job—for RESULTS.
In the box or in the ring.
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To insure the success of your sale you need Kelley in the box
For dates write

COL. B. V. KELLEY Syracuse, N. Y.

Col. D. L. Perry

THE
HOLSTEIN AUCTIONEER
I also sell satisfaction.
Columbus, Ohio.

THE TRAVERSE HERD

BULL CALVES FOR SALE from ADMIRAL WALKER COLANTHA, whose four nearest dams average:—Butter, 7 days, 32.83 lbs.; 30 days, 131.85 lbs., and from TRAVERSE BELLE LAD, who is from a 30.115 lb. daughter of PONTIAC BUTTER BOY.

Fifty-two A .R. O. cows in herd, most of them daughters or granddaughters of Pontiac Butter Boy or Homestead Hengreveld Crown De Kol.

Write for pedigrees and prices.

TRAVERSE CITY STATE HOSPITAL,
Traverse City, Michigan.

OUR POLICY

Is to sell animals for just what they are. Our stock is bred for size, production and quality. We have some **GOOD** ones.

W. H. HORSTMANN
R 2. Schenectady, N. Y.

35-lb. BULL

Sire is the $15,000 son of the 44-lb. cow. Dam, a 26-lb. daughter of **Hengerveld De Kol** and the wonderful 29-lb. cow, Elzevere Barnum De Kol, is a cow of 30-lb. quality. **Two nearest dams average 35.18 lbs. Three nearest dams average 33.15 lbs.** Calf was born Jan. 30, 1914, and is one of the best individuals we have ever seen, seven-eighths white, simply a beauty. A bull that will put you in the front rank. For further information address

QUENTIN MC ADAM,
23 South St., Utica, N. Y.
Brothertown Farms.

King Pontiac Asia 58042

He is a son of King of the Pontiacs and Pontiac Asia (A. R. O. 26 lbs. butter in 7 days, 742 lbs. in 336 days), who is three-fourths sister to Pontiac Pieone (26 lbs. in 7 days, 925 lbs. in 346 days)—both sired by Hengerveld De Kol. For Sale—bull calf from Johanna cow (22-lb. jr. 2-yr.-old) and by above herd sire.
M. F. PECK & SONS, Marshall, Wis.

Typewritten Pedigrees

On the best quality paper 9 1-2x14 with diagram.

No. 2-14 ancestors Blue Book records (3 for $1) 35c. No. 5-14 ancestors up to date pedigree 2 colors 75c. Carbon copies 10c each. Give name and number of sire and dam of animals not registered and of those having numbers above 205896 in cows and 111599 in bulls. For interesting prices on sale catalogs write **F. G. JOHNSTON, 37 W. Lane Ave., Columbus, O.**

HILLSPRING ALLIE FAYNE
has a bull calf sired by King Pontiac Portia. She has just completed a record of 17.005 pounds butter from 383.5 pounds milk, as a senior four-year-old. She is a granddaughter of Sir Fayne Concordia, from a 15.18 lb. granddaughter of Pearl of the Dairy's Joe De Kol. Three-quarters white and individually just like his "dad". For price etc. address
C. C. FRIES & SON,
Richland Center, Wisconsin.

SIR JOHANNA DE KOL 23RD
Brother to Johanna De Kol Van Beers and son of Sir Johanna De Kol heads our herd. His dam—Cedar Lawn Johanna Inka 110919 has an A. R. O. record of 21.52 lbs. butter at 2 years, 6 months. His sons and daughters are all true to the Johanna type—evenly marked, straight rump, fine skinned and good frame work.
We have a few sons left who will be ready for service this coming fall.
CARL MUTH DAIRY
Egbert Muth, Prop., Sheboygan, Wis.

NEW YORK STATE SCHOOL
of Agriculture at Alfred University

offers Johanna Colantha Netherland No. 126295, born October 27, 1913. He is a fine large, straight individual, a little dark in color but nicely marked. Sired by Sir Johanna Colantha Gladi, and from Jewel Colantha Netherland A. R. O. 21.53 lbs.

The picture of his dam and sire appeared in last week's issue of the World. He is a splendid calf and will develop into a fine bull.

Price $175.00. For further particulars address

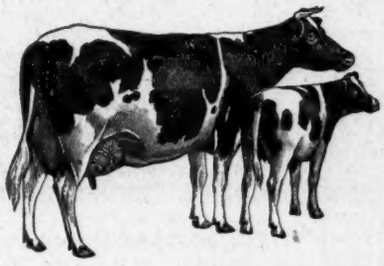
E. E. POOLE, Farm Supt. ALFRED, N. Y.

To Prevent Summer Complaint
Use Holstein Cows' Milk

Prof. M. J. Rosenau in his book, "The Milk Question," says:

"Many cases of summer complaint in children have been traced to an excessive amount of fat in the milk. There is a great temptation, both on the part of physicians and mothers to increase the amount of butter-fat in the food in order to fatten their babies but this practice is fraught with danger."

As the dangers of fat indigestion gain recognition, the value of Holstein Milk for Infant Feeding becomes more apparent. Not only its moderate fat content but the small and uniform size of the fat globules recommend it to physicians experienced in Infant Feeding.



Our free literature contains other reasons for preferring Holstein Milk, as explained by eminent physicians. SEND FOR IT TO-DAY.

HOLSTEIN-FRIESIAN ASSOCIATION
BOX 182 BRATTLEBORO, VT.

NOTICE No. 1

King Korndyke Maid

has arrived at his home in the White Mountains of New Hampshire. He has come to head the FAIRVIEW FARMS herd of purebred Holsteins, which contains daughters of Pontiac Korndyke, Johanna Rue 3rd's Lad, Konig Blanche Lyons, King Pontiac Artis, King Pontiac Pyrrha, Sir Korndyke Manor De Kol, Korndyke Pontiac Hengerveld Son, and other good ones. KING KORNDYKE MAID is one of the best bred bulls that could be bought, being sired by PONTIAC KORNDYKE, the greatest Holstein sire that ever lived, and from PONTIAC KORNDYKE MAID, who is also sired by PONTIAC KORNDYKE, from a 20.34 lbs. daughter of Sir Pietertje Posch and Winana Beets De Kol, (20.71), who has three granddaughters with records over 31 lbs. PONTIAC KORNDYKE MAID has made 33.76 lbs. of butter from 535 lbs. of milk, test 5.05. The service to the "KING" for a few approved cows will be $100.

FAIRVIEW FARMS

Richard T. Eastman

Littleton, N. Y.

SPRINGVALE STOCK FARM

"THE HOME OF THE JOHANNAS."

If in need of a bull calf this winter, do not fail to investigate the breeding of one sired by King Peter Lyons and out of a daughter of Colantha Johanna Champion. A combination of breeding surpassed in no herd in the world.

W. J. GILLETT & SON,

Rosendale, Wisconsin.

ORRVILLE HERD.

Bull calf, sire, King Pontiac of Brookside No. 55635. Dam, Netherland Mono Johanna No. 76190; 21,644 lbs. milk, 919.28 lbs. butter, semi-official record.

A real individual, too. Write

A. HURSH,

Orrville, Ohio.

GREENVIEW STOCK FARM

Herd headed by King Pietertje Hartog Pontiac No. 105976, a son of King of the Pontiacs and Ruble Hartog De Kol Pietertje No. 69124, 645.20 lbs. milk, 24.79 lbs. butter in 7 days at nine years of age.

We have consigned fourteen cows and one bull to the Tri-County sale at Sidney, N. Y., May 20th and 21st. Among these is the sweepstakes cow at our County Fair last year.

OTTO L. IVES, GUILFORD, NEW YORK.

26-LB. BULL CALF 26-LB.

Born Dec. 5, 9/10 white; **Sire,** Inka Princess Mutual De Kol Son.
Dam's record, 33.25 lbs. butter, 711.9 lbs. milk.
Dam, Maple Ledge Clothilde Korndyke (18.83 lbs. butter, 421 lbs. milk as a junior three-year-old)
Sire, the 37.68 lb. bull, Fairview Korndyke Lad.
8 dams of this calf average 26.95 pounds butter.
A dandy individual, guaranteed to please, or your money refunded.
Price $150.00 F. O. B. Cars.

MARBLE VALLEY STOCK FARM,

R. F. Mead West Rutland, Vermont.

NORWICH STOCK FARM

ONE OR TWO BULL CALVES TO OFFER.

Sire—**King of the Pontiacs Eusebia Burke 90059.**
Dam—**Aaggie Cornucopia Pauline Artis 119707.**
A. R. O. at two years, milk 345, butter 15.53.
The sire's five nearest dams, and the dam, granddam, and dam's sire's dam of this calf are all over 4 per cent fat in test.
For particulars and prices, write

R. C. WELLS Norwich, New York.

PIONEER OAK STOCK AND DAIRY FARMS

Consignment to the

WISCONSIN BREEDERS' CONSIGNMENT SALE, Watertown, Wis., May 19, 1914, consists of three choice young cows bred to Oak DeKol Ollie Homestead Fobes No. 99030, whose three nearest dams average 29.09 lbs. butter in 7 days. Dam and dam's dam sold at public auction for $2,100.00 and $3,000.00 respectively. A son of a 23.286 lb. Jr. four-year-old, a son of a 13.815 Jr. two-year-old, a daughter of a 13.157 Sr. Yearling, all sired by above bull and a 10 months old daughter of Rockdale Senator De Kol No. 62061, 7 nearest dams average of 23 lbs. butter in 7 days. All stock guaranteed to be as represented and guaranteed to stand the tuberculin-test for 30 days. Young males from A. R. O. dams for sale at all times.

BE SURE TO ATTEND THIS SALE.

F. M. Ames & Son, R. P. Ames, Mgr. Brooklyn, Wis.

Service Bull For Sale

King Pontiac Asia 8th. Fine individual of tremendous heart girth, very straight, 19 months old; sure breeder. Sire, a son of King of the Pontiacs and Pontiac Asia. 742 of butter 19963.60 of milk in one year. A daughter of Hengerveld De Kol. Week record 580 lbs. milk, 26.18 lbs. butter.

Dam a 22-pound junior two-year-old, a granddaughter of Sir Johanna De Kol.

For price, pedigree and photo address

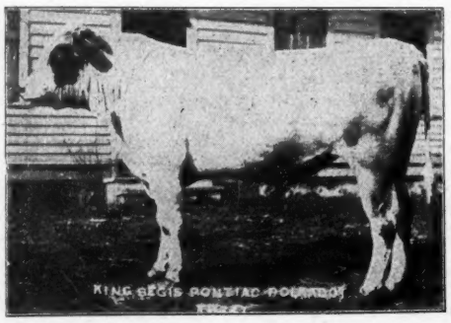
ARCHIE REID, JR, JANESVILLE, WIS.

VALLEY VIEW STOCK FARM

Offers a bull calf born Nov. 14, 1913. The dam of the calf is a granddaughter of King of the Pontiacs and has a record of 19 lbs. in 7 days as a Jr. two-year-old, and 76 lbs. in 30 days. The sire is a grandson of King Segis whose dam and sire's dam average 31.63 lbs. in 7 days. For price write

S. B. Taylor, Canastota, N. Y.

KING SEGIS PONTIAC POLKADOT, 7534



A Bull of $10,000 Quality

King Segis Pontiac Polkadot 75347, a full brother in blood to King Segis Pontiac Alcartra 79602, who sold at the Breeders Consignment Sale at Syracuse, N. Y., in June, 1910, for $10,000 the highest price ever paid for a Holstein-Friesian bull at public auction, stands at the head of the Uneeda Korndyke herd of Holstein-Friesian cattle. Young bulls nearly ready for service from cows of the choicest of breeding now offered for sale. Write for pedigrees and prices.

Uneeda Korndyke Herd

F. J. Bristol & Sons Co. Oakfield, Wis.

MINNESOTA'S FAMOUS HERD

offers for sale 2 bulls of quality backed up by breeding 13 months old.

King Walker Hamilton Gelsche No. 118602; First 6 dams average 30.18 lbs. butter 7 days. Sired by the King of the Black and Whites.

King Cornucopia Sadie Vale Jr. No. 115900 3rd Prize Junior bull calf, in competition of 15 New York State Fair, 1913. Handsomely marked. Dam and sire's dam average 26.16 lbs. butter 7 days.

E. P. MILLER & SON

Northfield Minn.

SONS OF A 30-lb SIRE

Prince Segis Korndyke Jr. 74094, who was by Prince Segis Korndyke and from a 30-lb. daughter of Pietertje Hengerveld's Count De Kol. The dams have records of 16.37 lbs. as two-year-olds to 22.43 lbs. at four years old. Would also spare a few females.

For prices address

KEYSTONE FARMS

C. A. Pratt, Prop. LeRaysville, Pa

OVER 75 LBS. MILK A DAY
Was the Average

For Cora Clothilde De Kol 2nd during the week of her test; butter record, 23.18 lbs. She is a daughter of De Kol Burke, and thus has seven 30-lb. sisters. Her bull calf, born Feb. 6, 1914, sired by Urmagel Segis, is a promising individual handsomely marked, more white than black. His sire is a grandson of Urmagelsche 2d A; 31.24 lbs. The 12 nearest dams of this youngster average over 26 lbs.

W. H. DE PEW, R. F. D., Auburn, N. Y.

King Pontiac Calypso

A worthy son of his famous sire, from one of the best daughters of Hengerveld De Kol.

His daughter—King Pontiac Calypso Jane—has just completed a junior three-year-old record of 31-78 lb. butter in seven days—the third largest ever made.

All the daughters of King Pontiac Calypso are "right there with the goods."

All his daughters, with the exception of three, test above four per cent fat.

Service Fee for approved cows—$200.00.

S. R. CLARK

ONONDAGA VALLEY, N. Y.

FOR SALE!

Herd bull, Sir Pontiac Korndyke 6th. (27.31-lb. dam.)

Write for pedigree and information to

W. L. KEYES,

Box 68, Deerfield, N. Y.

SEGIS JOHANNA LYONS AT $350.

One year old. Backed by 5 dams over 31 lbs. and by the sires or dams of over thirty-five 30-lb. cows. His nine nearest dams average 28.5 lbs. in 7 days.

Bull calves from A. R. O. dams and sired by our 32-lb. herd bull, **Spring Farm King Pontiac Mercedes.**

C. P. Barker, Chippewa Falls, Wis.

FOR SALE

Two sons of Rag Apple Pontiac Korndyke No. 88058.

HENRY ANTHES, Jefferson, Wis.

Calf Scours—
Cholera in Hogs—
White Diarrhoea in Chicks—
DE WITT'S CHOLERA COMPOUND

For Beasts and Fowls
The Famous Western Remedy
Preventative and Cure

Try it. You will meet with astonishing success. **Price per package, 75 cents.** Eastern agents,

De WITT DRUG CO., Nashua, N. H.

Fertiland Farms Consignment to the Madison-Chenango Club Sale consists of

A 27-lb. junior three-year-old, with a 100-lb. 30-day record. She made over 20 lbs. as a junior two-year-old. What will she do next year?

A 23-lb. junior three-year-old, out of a 28.84-lb. daughter of a 27.72-lb. cow. As a junior two-year-old she made over 19 pounds. What can you expect from her next year?

A 20.9-lb. two-year-old.

A nice young 20-lb. cow.

A 21-lb. cow, due right after the sale by King of the Black and Whites, the only sire whose seven nearest dams average over 31 lbs.

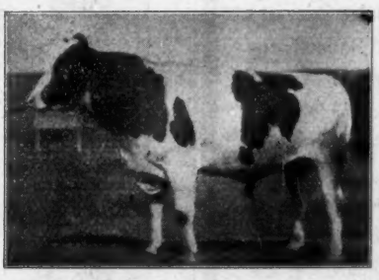
Also a bull calf, 7 months old—a show animal in every sense of the word.

This is the kind on which we are willing to stake our reputation.

We want to meet you at Earlville, May 7-8.

Tanner & Tooke Hamilton, N. Y.

Are You Looking For A Prize Winner?



KINK SEGIS JOHANNA GRAHAMHOLM

King Segis Johanna Grahamholm No. 93789.
Born July 9, 1911. Weight at 2 yrs., 1580 lbs.

He was Second Prize Winner at Minnesota State Fair 1913, being beaten only by the bull that won First at the National Dairy Show.

This bull is as straight as a line and as good as his picture shows him.

SIRE: Sir Winana Beets Segis, who is proving himself one of the best sons of King Segis. Among his A. R. O. daughters are two year-olds with records of 23.93 lbs., 19.14 lbs., 18.40 lbs., and he now has a three-year-old daughter in test with 21.72 lbs. to her credit.

DAM: Netherland Johanna Maid. She has twice done excellent work in official test, her latest record being 20.84 lbs. butter in 7 days. Her sire is by a brother to the sire of King Segis.

For further information address

GRAHAMHOLM HERD

W. J. BOYNTON, Manager ROCHESTER, MINN.

May 7 and 8 at Earlville, N. Y. Sherburne Stock Farm Consigns

Two daughters of Queen Milk and Butter Champion, whose dam has made three records of over 30 pounds, the average of which is nearly 33 pounds and is now giving at 10 years of age 120 pounds milk in a day.

One granddaughter of King of the Pontiacs by one of his best bred sons.

One daughter of Prince Beauty Pietertje Hartog, who has 34 young A. R. O. daughters.

One 19-lb. daughter of Sir Lilith Vinette De Kol.

One 20-lb. four-year-old daughter of Beauty Pietertje De Kol King. This heifer has a junior two-year-old daughter that has just made 18½ lbs. butter.

One bull calf, sire Queen Milk and Butter Champion, dam, a 24-lb. three-year-old granddaughter of Belle Korndyke. Average record of dam and sire's dam, 29.90 lbs. butter. The combined milk records of this calf's dam and sire's dam foot up more than 1400 lbs. for seven days. Remember the record on his dam was made at 3½ years.

Another bull calf by the same sire from a 25-lb. half sister of the above heifer.

CLAYTON SISSON

SHERBURNE, N. Y.

Two Heifer Calves, Granddaughters of
KING OF THE PONTIACS
And a Bull Calf, a Grandson of
PONTIAC KORNDYKE
The dam of the bull has record of over 25 lbs. Will sell the three for $650. This is the kind that will make you money.
Address
R. E. DAVIS
Mexico, N. Y. R. D. 4.

KANSAS CITY FARM

Kansas City, U. S. A., and Springfield, Ill.
Breeders of K. C. Holsteins
Stock for Sale.
See or write

T. J. DAUGHENBAUGH
Springfield, :—: :—: Ill.

Fairview Farms

is represented in

THE 1914 SALE

by the following:

A son of the $10,000 sire, King Segis Pontiac Alcartra, from a 27-lb. three-year-old daughter of a 32-lb. cow.

A daughter of the $10,000 bull, from a sister to a 33-lb. cow.

A daughter of Pearl of the Dairy's Joe De Kol, bred to Maplecrest De Kol Paul, our junior sire.

Granddaughters of Pontiac Korndyke, and Colantha Johanna Lad.

A. R. O. cows bred to King Korndyke Maid—the 33-lb. son of Pontiac Korndyke.

We have aimed to select only cattle which will be representative of the herd and in keeping with the quality of the Sale.

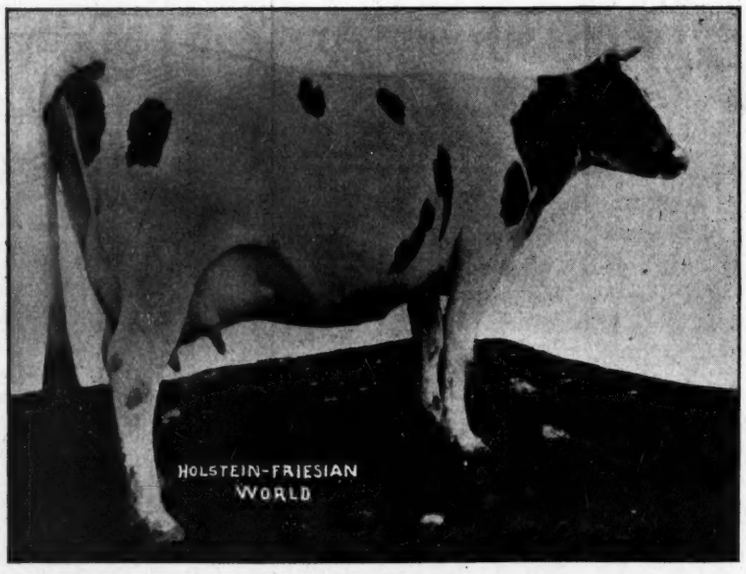
R. T. EASTMAN, - LITTLETON, N. H.

FOR SALE 37-lb. BULL

KING PRILLY KONIGEN 122791

SON OF

Diona Koningen Pietertje, A. R. O. 37.44 7 days Butter, 154.15 Butter 30 days; 661.6 lbs. Milk in 7 days, and 2865 Milk in 30 days; Best Day's Milk 103 pounds.



DIONA KONIGEN PIETERJE.

King Prilly Koningen is an excellent individual, is light in color and ready for heavy service, and will be sold for less than he is worth. In writing be sure to mention the World.

F. C. WHITNEY, Willow Brook Stock Earm, ILION, N. Y.

A. R. O. BULL CALVES

Sires and grandsons of the noted sire Sir Woodcrest Korndyke Kate De Kol 36366. 15 A. R. O. daughters, they average better than 25 pounds, 5 of them two-year-olds, 23-pound two-year-old to 36-pound six-year-old, a showing equalled by no other living sire, a blue ribbon winner in best of company.

These calves are light in color, well grown, fine individuals..

Price $75.00 up.

A few heifer calves by good sires, nice individuals.

Price $1.00 up.

Write your wants, and will try and supply your needs.

A. R. OWEN, **"Maplewood Farm"** **Goshen, New York.**

OAK GROVE AND TWIN PINE FARMS

HAVE JUST BOUGHT

JOHANNA KING SEGIS 71964

the son of the $7,000 40-pound, cow, Johanna De Kol Van Beers. This is the only 40-pound sire in the Northwest and is the first opportunity Western men have had to use a 40-pound bull. We will take a few choice cows at service of $250 to insure a live calf or will breed cows with 20 lbs. or over on halves.

Address all correspondence to **N. Houslet, Oxford, Wis.**

HOUSLET & MC NUTT **OXFORD, WIS.**

N. B.—In the next 60 days we will sell our entire grade herd of 250 De Kol bred cows and heifers.

EMBLAGAARD HERD

SIRES IN SERVICE

COLANTHA JOHANNA CHAMPION 45674

THE PROVEN SON OF COLANTHA 4TH'S JOHANNA.

EMBLAGAARD PRINCE 80596

A son of Segis Walker Pietertje, 27.85 lbs. at 3½ yrs. His sire's dam, Abby Hartog Clothilde, 31.39 lbs., and dam's dam, Ruby Walker Pietertje, 30.21 lbs. are two of the only 4 30-lb. cows of the breed that have produced 30 lb. daughters, that have also produced 30 lb. daughters.

EMBLAGAARD DAIRY - - - - - BIG BAY, MICHIGAN

READY FOR SERVICE.

Three nearest dams all over 104 pounds of milk per day.

MILK YIELD PER DAY—		BUTTER 7-DAY RECORD—	
Dam	112.6 lbs.	Dam	32.50
G. Dam	107 lbs.	G. Dam	34.61
G. Dam	104 lbs.	G. Dam	28.94
Average	107.8 lbs.	Average	32.02

FOURTEEN MONTHS OF AGE—PERFECTLY MARKED—LARGE EXTRA FINE INDIVIDUAL

ALLAMUCHY FARMS, **ALLAMUCHY, N. J.**

AT REASONABLE PRICES

Beautiful bulls—King of the Pontiacs, Pontiac Korndyke, Model Family, King of the Butter Kings, King Segis and other families, all from A. R. O. dams with high records. Individually they are unsurpassed in any stable in America. Also choice females, all ages. An exceptionally fine lot of heifers bred to the best bulls.

E. A. POWELL, 904 W. Genesee St., Syracuse, N. Y.

FOR SALE

Four full-age cows well-bred, but not A. R. O. Bred to the same Sire our bull calves are from.

Bull Calves For Sale from A. R. O. Dams, and a Sire whose Dam's Sire has four daughters over thirty pounds.

Special prices to sell these cows and calves in the next thirty days.

BELVOIR FARM, LAKE GENEVA, WIS.

Milford Meadows Stock Farm

Holstein-Friesians

Favill Grove, Lake Mills, Wis.

Breeders of staple cattle from high producing families.

Developers under normal conditions.

This year's crop of bull calves from A. R. O. dams, sired by 29.55-lb. bull. He sired by 34.96 lb. bull. Descriptions of calves and dams sent on application. Business office

122 So. Michigan Boulevard, Chicago.

H. B. Favill, Prop., H. W. Faville, Mgr.

THE BARGAIN SALE of the Springtime

THE NEW ENGLAND SALE

Worcester, Mass.

MAY 27 - 28, 1914.

WHY The New England Sale will be a good place to buy Cattle---

1. Holstein Sales are numerous—but not in New England.
2. Holsteins are high in price everywhere—except in New England.
3. Holstein buyers are outbidding each other outside of New England.
4. At last year's New England Sale there was but one buyer from outside the New England States. That man was Mr. E. A. Powell, and he took home a carload at New England prices.

WHAT You may expect to find in the New England Sale-

Granddaughters of King of the Pontiacs, De Kol 2d's Butter Boy 3d, Hengerveld De Kol, Colantha Johanna Lad, Pietertje Hengerveld's Count De Kol, King Segis.

Daughters of De Kol Hengerveld Burke, Sir Korndyke Manor De Kol, King of the Hengervelds, King Segis De Kol Korndyke and Admiral Walker Gelsche.

A 26-lb. cow and her daughter.

A 21.75-lb. daughter of a 25-lb. cow.

Other cows with good records—

They all can turn the trick if given the chance. All are unblemished, and all that are old enough will be tuberculin-tested by most reliable authorities.

More in later issues—Send for catalog to

E. M. HASTINGS, Sale Manager, Lacona, N. Y.

Holstein-Friesian Facts

That Every One Should Know

Banostine Belle De Kol, the CHAMPION COW OF THE WORLD, was bred, reared and developed at Maplecrest Farm.

High-Lawn Hartog De Kol, the only cow the world has ever produced to make over 1200 pounds of butter in a year and have a daughter to do the same, was bred, reared and developed at Maplecrest Farm.

Daisy Grace De Kol, the greatest Junior four-year-old the world has ever produced, was bred, reared and developed at Maplecrest Farm.

The three cows whose combined yearly records are greater than the combined yearly records of any other three cows the world has ever produced were bred, reared and developed at Maplecrest Farm.

The four cows whose combined yearly records are greater than the combined yearly records of any other four cows of the breed were bred, reared and developed at Maplecrest Farm.

Friend Hengerveld De Kol Butter Boy, the sire of all of the cows mentioned above, is now owned and in service at Maplecrest Farm.

Only fifteen of the leaders in the various Holstein-Friesian classes were reared and developed by the person who bred them. Five out of the fifteen were bred, reared and developed at Maplecrest Farm.

Maplecrest Farm has bred, reared and developed as many of the six greatest yearly record Holstein-Friesian cows as all other breeders and firms combined.

Pontiac Aaggie Korndyke, the Junior sire at Maplecrest Farm, has more 30-lb. daughters than any other living sire. Only three other sires have ever had more 30-lb. daughters than he now has. One of these was his own sire and another the sire of his dam. No other sire ever had as many 30-lb. daughters at his age.

The daughters of Pontiac Aaggie Korndyke have made greater yearly records than have the daughters of any other sire except Friend Hengerveld De Kol Butter Boy.

Euphrasia A. the great foundation cow of Maplecrest Herd has more great cows tracing back to her all the way through females than any other cow living or dead.

At Maplecrest Farm three cows have been bred, reared and developed each of which has made more than 1200 lbs. of butter in a year. One cow to produce over 1200 pounds of butter in a years is as many as any other breeder or firm has been able to breed, rear and develop.

A few choice bull calves for sale.

The MAPLECREST STOCK FARM CO. Successor to DAN DIMMICK & BRO.

Telephone Connection between Farms and Office

Office at Kalamazoo, Mich. **Farms at East Claridon, Ohio.**

The Best Investment

you can possibly make is in the right kind of a sire to head your herd. A good bull will make you a fortune, while one of the other kind will lose you money on every cow bred to him.

We are confident that we can offer you as much for your money as anyone. Here is a sample bargain—for $500.00, a bull calf born Dec. 5, 1913—handsomely marked, and **a right good individual.** His sire is the great show bull, Ormsby Korndyke Lad, whose two nearest dams average over 35 pounds butter in seven days, and over 138 pounds in thirty days. He is a coming sire.

The dam of the bull, under conditions which would have laid out an ordinary heifer, produced 16.69 pounds butter, 355.1 pounds milk in seven days as a junior two-year-old. She is bound to be heard from in later tests. She has a right to be good, for she is sired by **Pontiac Korndyke**—The King of the Holstein sires. Her dam is a 28.8-lb. four-year-old, out of a 23-pound cow, and by the century sire, De Kol 2d's Butter Boy 3d.

Where can you beat this combination for the money, especially when you consider the future prospects of the dam?

You ought to see this calf and his dam.

Address

DAVISDALE HERD

HARRY B. DAVIS, Prop. **Chester, N. Y.**

MAPLEHURST FARMS

Lamb & Langworthy **East Hamilton, N. Y.**

KING PONTIAC CANARY 78766.
First two daughters to freshen—
K. P. C. Signet De Kol Jr., two years old 18.73
K. P. C. Dorothy Colanthus 1 year, 10 mos. 18.26
We have a bull calf sired by this bull from a 27-lb. cow consigned to the Madison-Chenango Co. Sale May 6 and 7.

KING OF THE PONTIACS.
Greatest Bull of the Breed.

CANARY HARTOG DE KOL.
A. R. O. 26.60.
30 days 104.40.
Sister to—
Jacoba Hartog Canary 30.81
Canary Lilith Daisy 30.39

PONTIAC KORNDYKE.
Sire of eleven cows with records above 30 lbs.

PONTIAC LUNDE HENGERVELD
7 days 28.41
30 days 114.82

CANARY MERCEDES ALBAN.
30 A. R. O. daughters—
Jacoba Hartog Canary 30.81
Canary Lilith Daisy, four years 30.39
Canary De Kol Susie, 4 yrs..26.88

PIETERTJE HARTOG IMPERIAL DE KOL.
Dam of—
Canary Hartog De Kol 26.60
Canary Hartog, 2 yrs.....17.20

LAKE MILLS NINTH SEMI-ANNUAL HOLSTEIN SALE

MONDAY, MAY 11, 1914

100—Exceptionally Fine Cattle, Tuberculine Tested—100

Dispersal of the Bonnie Meade Canning Co. herd, Randolph, Wis., comprising fifty well-bred individuals, among which are:—

20 heifer calves and young bulls,—majority out of tested dams.
A 25.07 lb. 7 yr. old.
Three 5 yr. olds,—one having 23.38 lbs.; 2 being 18 pounders.
Two 6 yr. olds,—one having 23.38 lbs., the other 19.90 lbs.
Three 2 yr. olds with records up to 17.58 lbs.

Other offerings contain:—

Some very fine young Sires, ready for service.
Cows with these records,—26.257 lbs., 23.91 lbs., 15 lbs., as 2 yr. olds; 15 lbs. as 3 yr. olds, etc.
A fine heifer with 2nd calf from a 23-lb. dam.
6 choice young cows in calf to Juliana King of Rock, 112126.
(Your only opportunity of buying one of his daughters.)
6 daughters of Mutual Piebe of Rock, who sold for $3000.

Send for Catalogue.

AUCTIONEERS-HAEGER, Mack and Love. **F. H. EVERSON, Gen. Mgr., Lake Mills, Wis.** **E. M. HASTINGS, Sales Mgr., Lacona, N. Y.**

FAIRVIEW FARMS HERD

STILL HAS

a few splendid young bulls sired by PONTIAC KORNDYKE, or RAG APPLE KORNDYKE 8TH, and out of cows with records from 20 pounds as two-year-olds, to 33.75 lbs. at full age. REMEMBER, the few sons of Pontiac Korndyke still in our herd are the last that will be for sale. Do you want one? LOOK UP THE RECORD OF HIS SONS AND SEE WHAT THEY ARE DOING AS SIRES. Pontiac Korndyke is the greatest producing sire of the breed that has ever lived, through his sons alone, and you know what his daughters have done.

E. H. DOLLAR **HEUVELTON, N. Y.**

WOODMONT FARMS

HAS A REPRESENTATIVE CONSIGNMENT IN THE

MADISON-CHENANGO CLUB SALE

EARLVILLE, N. Y., MAY 7-8, 1914

HERE THEY ARE—

Nellie Lake Pietertje De Kol 2d, a 24-pound daughter of a 30-pound dam, and her two-year-old daughter in calf by a three-quarter brother to the $15,000 bull.

Also a son of Nellie Lake Pietertje De Kol (30.79 pounds), by a sire whose two nearest dams average 31.6 pounds.

A daughter of Prilly Princess Sir Inka.

A daughter of Woodmont Duke De Kol, whose two nearest dams average 31.6 pounds.

A 20-pound four-year-old.

Meet us at the big "HUB SALE."

H. C. WOOD, **MORRISVILLE, NEW YORK.**

JUST A REMINDER

The Madison-Chenango Club Sale of close to 200 top-quality Holsteins will take place as scheduled at

EARLVILLE, N. Y., MAY 7-8, 1914

Remember the "contest bull," the World's Champion heifer, and all the rest, and make your plans to attend.

If you have not already sent for a catalog, send for one to

E. M. HASTINGS, Sale Manager, **LACONA, N. Y.**

Be sure to mention the WORLD

N. B.—Earlville is about an hour's ride from Syracuse—on the Chenago Branch of the West Shore Railroad. It is also on the New York, Ontario & Western. Good train service in all directions.

The business men of Earlville will provide an entertainment at the Earlville Opera House, Thursday evening, May 7th, for the benefit of the breeders attending the "Hub Sale."

SOLD

The bull advertised last week is sold—but there are some others that may be just what you have been looking for. They are certainly of high quality—and these prices contemplate quick sales.

1. King Lunde Pietertje Pontiac No. 121630, born Oct. 8, 1911.

Sire—King Pontiac Pietertje No. 56609, a son of **King of the Pontiacs**, from a 25-pound three-year-old.

Dam—Netherland Polly No. 110014 (untested as yet, but a great producer). Price $175.00.

2. Segis Korndyke De Kol Pietertje No. 121118, born Nov. 19, 1912, sired by a son of the noted 37-lb. sire, King Segis De Kol Korndyke, and from the untested cow, De Kol Pietertje Pride 2d Daisy 127946. Price $75.00.

3. A son of the same cow as No. 2, sired by Prince Korndyke Pontiac, my herd sire, a 33-pound son of Pontiac Korndyke.

This one was born Dec. 29, 1913. Price $100.

Here are grandsons of King of the Pontiacs, King Segis De Kol Korndyke, and Pontiac Korndyke. Take your choice, but remember that they will go quickly.

HUGH J. DAVIS,

Maple Ridge Herd, - - - Broadalbin, N. Y.

UTILITY HOLSTEINS are the money-making kind. We have selected of our best for

THE 1914 SALE AT SYRACUSE, MAY 13-14

and will offer the following:

Two three-year-old daughters of Sir Korndyke Manor De Kol, one with a two-year-old record of 17.5 pounds. Both are from 20-pound dams.

An 18-pound two-year-old daughter of Mooie Fayne De Kol, the 35-lb. sire, whose daughters are making great records, one, Lyndon Alcartra Polkadot (32.67) pounds), being included in the Prentiss consignment to this sale.

A 15-pound two-year-old daughter of Urmagel Segis, who was by a 29-lb. son of King Segis, and from a 22-pound three-year-old daughter of De Kol Hengerveld Burke and the 31-lb. cow, Urmagelche 2d A, the only 30-pound cow with two 30-pound daughters.

Remember the date of the Sale, and make a special point of looking over the Utility Consignment before the Sale.

UTILITY HERD, - - - - - LACONA, N. Y.

Seek-No-Farther Holsteins

THE GREATEST SPRING FRESHENING HERD IN MICHIGAN

Headed by and bred to a young grand son of King of the Pontiacs, Pontiac Artis, Joe Gelsche De Kol Burke and Clarissa Clothilde Pietertje.

His three nearest dams average over 30 lbs. butter and over 611 lbs. milk for 7 days.

Our cows will freshen from March 8 to June 16. Make your wants known at once, or you'll be too late. Every person has his own choice with us.

Yours to please.

H. A. WARD Prop. **GREGORY, MICH.**

REST EASY STOCK FARM

Home of the World's Record son of KING OF THE PONTIACS

King Pontiac Mayflower No. 105149, represents H. M. Dunham's judgment of what constitutes a desirable son of King of the Pontiacs, and Mr. Dunham's opinion on this point ought to carry weight, considing that for several years he has had charge of the daughters of King of the Pontiacs that have been making history for the breed.

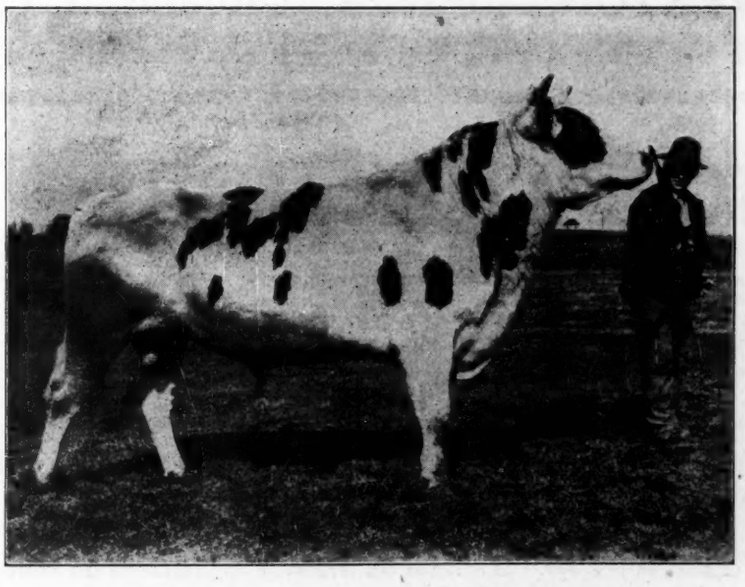
The dam of King Pontiac Myflower is the former World's Champion, Mayflower Lilith Pauline, with records at 3½ years of **510.9 lbs. milk, 31.14 lbs. butter in 7 days, 2185.6 lbs. milk, 128.13 lbs. butter in 30 days.** Average test for 30 days **4.69 per cent fat.**

The owners announce that a few more approved cows will be received for service to King Pontiac Mayflower at $150 to insure a live calf.

A few young bulls are offered sired by Spring Farm King Pontiac, a brother to the 44-lb. cow. Two of these are from a 30-lb. daughter of Tidy Abbekerk Prince. Address (mentioning the World),

H. M. DUNHAM & SONS

MARCELLUS, N. Y.



KING LYONS 71155

Moyerdale Herd Sire the Successor of the Great King Segis

Moyerdale Farm, the home of the greatest producing cows of the Black and White breed.

Moyerdale Farm, the home of the great King Segis, the greatest 9 year old sire and grand sire of the breed. 82 officially tested daughters, 365 officially tested granddaughters, 447 officially tested daughters and granddaughters.

KING LYONS NO. 71155. BORN MARCH 23, 1910.

His first seven dams in the first four generations have seven-day records that average 30.26 lbs. each. **Sire, Colantha Johanna Champion 45674, a son of Colantha Fourth's Johanna.** Butter, 7 days, 35.22 lbs. Her sons have sired the following World Record Heifers:

Colantha Johanna Champion—the sire of:
Woodcrest Colantha Pietje, milk 20859.7 lbs. at one year, a World Record.

Colantha Johanna Lad, the sire of:
Dutchland Colantha Vale, a junior two-year-old, milk 22,750.2 lbs. one year, a World Record.
Dutchland Colantha Mona, a junior three-year-old, milk 22645.6, one year, a World Record.
Dutchland Changeling Colantha Lad, a junior three-year-old, butter 945.0 one year, a World Record.
What more could you ask of the sons of any one cow.

The dams of the following 30-lb. cows appear in the breeding of King Lyons:

Grace Fayne 2nd Homestead	33.55	Betty Lyons Netherland	34.71
Colantha 4th Johanna	35.22	Blanche Lyons Netherland	34.36

By request I will be pleased to send you by mail a large sized, beautifully gotten up tabulated pedigree, printed on linen back paper showing photographs of the great ancestors which are contained in the breeding of King Lyons.

Only two sons of King Lyons are left for sale, a few other choice bred bull calves.

H. A. MOYER, Syracuse, N. Y. **WM. B. SIMPSON, Supt.**

Opportunity Knocks at Your Door

The Tri-County Holstein-Friesian Breeders' Association will hold their annual sale at Sidney, N. Y., on May 20th and 21st. About two hundred (200) head of registered Holstein-Friesian cattle are to be sold. These animals are the surplus from the herds of well known breeders of high reputation.

Included in this lot of superior cattle, will be the entire herd of Dunham Brothers, Bainbridge, N. Y., which they are obliged to sell, owing to the sale of their farm.

CONSIGNORS TO THE SALE:

W. L. Terry, Walton, N. Y.
Ralph Corbin, Bainbridge, N. Y.
J. A. Vandervort, Sidney Center, N. Y.
Dunham Bros., Bainbridge, N. Y.
H. C. Swartout, Hartwich Seminary, N. Y.
O. L. Ives, Guilford, N. Y.
E. E. Risley, Walton, N. Y.
E L. Hall, Oneonta, N. Y.
M. C. Johnson, Sidney, N. Y.
and other consignors of high standing.

For information and catalogs, address

Dunham Bros. Bainbridge, N.Y.

The Prophecy of Sir Segis Korndyke Walker

No. 59712

Every daughter that freshens puts dollars in your pockets IF YOU HAVE ONE OF MY SONS.

Another daughter has freshened, Hengerveld Korndyke Princess No. 184133, and for her first seven days has made 21.46 lbs. butter at 2 yr. 6 mo. 7 da. giving the first five 2-yr-old daughters that have been tested the following A. R. O. records—22.31, 21.46, 20.22, 19.35 and 16.34 (seven months calf) resulting in an average of 19.93.

Remember "Mendel's Law" and buy one of my sons which has 75% of my transmitting ability and from a 22.31-lb. 2-yr-old.

F. C. & K. A. OVERTON, Adams, N.Y.

SPRING FARM HERD

THE HOME OF THE $15000 BULL SPRING FAR PONTIAC CORNUCOPIA No. 77172 AND HIS FULL BROTHER

King Korndyke Pontiac Lass No. 115585 and also King Pontiac Konigen No. 75348 a son of King of the Pontiacs and from the great cow Diona Konigen Pietertje with an A. R. O. record of 37.44 lbs. of butter in 7 days from 661.6 lbs. of milk; 154.16 lbs. of butter in 30 days from 2652.10 lbs. of milk; percent fat 4.6; 103.2 lbs. of milk in one day. This is the 4th largest 30 day record in the World.

He has a full sister K. P. Diona Pietertje 20.23 lbs. in 7 days as 2 yr. old, 80.99 lbs. in 30 days.

A few young bulls for sale sired by Spring Farm King Pontiac the three fourths brother of the dam of the 44-lb. bulls.

Service to insure a life calf $350.00 to the 44-lb. bulls, except for 30-lb. cows, which will cost $500.

Service to insure a live calf $150 to King Pontiac Koningen.

Francis M. Jones

Oneida Co. CLINTON, N. Y.

FOR SALE!

One among the largest and best river bottom dairy farms in the Pacific Northwest, near Seattle, Washington, a rapidly growing city of over three hundred thousand population, and the gateway to Alaska and the Orient.

Established twelve years. Over twelve hundred acres, stocked with high grade Holsteins and pure-bred Holsteins with excellent A. R. O. records; about three hundred head.

Pasteurized milk retails 60c per gallon and cream $2.40 per gallon, Seattle market.

Rare opportunity for one wanting to establish a large retail milk trade, direct to consumers, which can be served by auto truck over macadamized road from farm into city, and extensive breeding farm for pure-bred cattle.

Address,

WASHINGTON LOAN & TRUST CO.,

SEATTLE, WASHINGTON.

MAPLEMONT FARM

IN THE 1914 SALE

Lyndon Alcartra Polkadot (32.67 lb.), the great daughter of a great dam, sired by a son of a 35-lb. cow, will be sold at The 1914 Sale. Also

King Pontiac Beryl Wayne, a son of King Segis Pontiac Alcartra and Aaggie Grace Beryl Wayne 3d, a 27-lb. junior 3-yr-old daughter of a 32-lb. cow. The records of his dam and granddam and sire's six nearest dams 30.731 lb. butter in 7 days.

A 24-lb. 4-yr-old daughter of De Kol Creamelle Pontiac Butter Boy.

A 24-lb. junior 3-yr-old daughter of Pledge Spofford Calamity Paul.

A 1-yr-old daughter of Pontiac Korndyke, out of a 22-lb. daughter of Dutchland Sir Pontiac Rag Apple.

A son of Wachusett Catrina, butter 32.70, milk 1 day 113.5, 30 days 2900.1. Sire, a son of De Kol Creamelle, butter 28.13, milk 1 day 119.6, 30 days 3200. Average of dam and sire's dam, butter 30.30, milk 1 day 116.5, 30 days 3050.

A 3-yr-old heifer bred to King of the Pontiacs.

A daughter of Paul Beets Colantha, sister to a 30-lb. junior 4-yr-old.

Granddaughters of Colantha Johanna Lad and Pietertje Hengerveld Segis.

Young cows bred to Pietje Alcartra Fayne.

J. W. PRENTISS & SON,

MAPLEMONT FARM ALSTEAD, N. H.

THE OTHER GREAT BULL

WHAT MAKES THE MISSISSIPPI RIVER THE FATHER OF WATERS?

The great streams, such as the Missouri and the Ohio Rivers, that flow into the greatest river on the continent.

WHAT MAKES SIR PRILLY WALKER THE OTHER GREAT BULL?

At 5 years, 8 months, 15 days, the sire of a 30-pound, three-year-old, and other three-year heifers with high records. The streams that converged in his veins, flow from the most prepotent animals of the breed.

Hengerveld De Kol, Johanna Rue 3rd's Lad, Admiral Walker Pietertje, Susie De Kol and Prilly, contribute 93.75 per cent of the blood of Sir Prilly Walker. He carries and passes on in an intensified degree what they have contributed.

At the **first of the year,** the animals of his four generation pedigree **had produced 83 thirty-pound cows,** nearly **half** of them being heifers. This record is probably unequalled in any four generation pedigree, as Sir Prilly Walker is probably the youngest bull of the breed to have a thirty-pound daughter.

See the last issue, and the next, for **"The Other Great Bull".**

For sale: **Four sons of Lewis Prilly Rouble Hartog 2d from daughters of Sir Prilly Walker.**

MEADOW BROOK FARMS

BLAIRSTOWN, N. J.

R. L. WILLIAMS, Superintendent

JOHN C. SHARPE, Proprietor

The Pleasant Hill Delegation

TO THE

NEW YORK STATE BREEDERS' SALE

SYRACUSE, N. Y.,

MAY 5-6, 1914

is one of the best that ever left the farm, and our consignment last January averaged $568.00—the highest in the sale.

Here are a few of "our kind", which should appeal to the discriminating buyer:

A 21-lb. junior two-year-old daughter of Sir Veeman Hengerveld. The dam is a 27-lb. daughter of Daisy Veeman Hengerveld, the 29 lb. cow which we sold in public sale two years ago for $1950. This is one of the finest heifers led into a ring—either show or sale.
A granddaughter of Pontiac Korndyke, bred to Sir Veeman Hengerveld.
A granddaughter of Colantha Johanna Lad, bred to the 29-lb. sire, Bessie Hamilton 2d Sir Pietertje.
Two granddaughters of King Segis that will be fresh before sale.
A granddaughter of Sir Korndyke Pontiac Artis, bred to Sir Veeman Hengerveld.
Several other heifers with good records bred to Sir Veeman Hengerveld.
Only one animal in the lot over 2½ years of age.

They are a hard bunch to beat.

Look them up in the catalog and at the sale.

W. D. ROBENS, Poland, N. Y.

THINK OF IT

A 38.7-lb BULL

Sired by the $15,000 son of the 44-lb. cow, and from De Kol Plum Copia, a 33-lb. cow of 40-lb. capacity. The two nearest dams average 38.72 lb. Three of the nearest dams average 37.27 lb.

We thought seriously of keeping this fellow as the junior Fairmont sire to use on the daughters of "King." Several of the other consignors to the Hastings 1914 Sale are setting their stakes to top the sale—but we decided that this honor belonged to Fairmont, and as a result are consigning to The 1914 Sale what we really believe to be

The Greatest Bull Calf of the Year

The breeder or company of breeders that buys him is sure to get a gold mine, and the more he pays, the greater will be the advertising benefit and consequent financial return. This youngster is a beauty—a regular show bull. This spells O-P-P-O-R-T-U-N-I-T-Y for someone.

THE FAIRMONT CONSIGNMENT consists of twenty head—as fine a bunch as ever left the farm, and many of you know what that means.

Here are a few of the other special features,—

A son of King Segis Pontiac Alcartra, from a 31-lb. cow. This calf is like all other sons of "King" —a show bull three-fourths white.

Another son of "King," from a 26-lb. 4-yr-old, she is the daughter of a 29-lb. dam. This cow ought to make a very large record in another year, as she has steadily increased her record from year to year.

A 32-lb cow bred to "King", this cow now milking 100 lbs. a day.

A 26¾-lb. cow bred to "King", she the dam of a 30-lb. cow.

Her heifer calf by Spring Farm King Pontiac.

A 25-lb cow out of a 28-lb daughter of Paul Beets De Kol in calf to "King".

A yearling daughter of a 29-lb. cow.

Another yearling out of a 28-lb. cow and having a 29-lb. granddam and a 32-lb. sire's dam.

A granddaughter of King Segis from a 25-lb. 4-yr-old and having a 25-lb granddam and a 31-lb sire's dam.

A fine daughter of Hillside Pietje out of a 23-lb heifer, her three nearest dams averaging 29 lbs.; in calf to "King".

Three granddaughters of "King Segis Pontiac," all three show heifers, as straight as it is possible to find them, and a granddaughter of "Pontiac Korndyke.' All bred to "King."

Two granddaughters of "King Pieter," the sire being out of a good daughter of the greatest of all producing bulls, "King Segis."

In the Fairmont Herd are sixteen 30-lb cows, and a bunch of 30-lb prospects. We developed and own the World's Champions in the senior 3-year and junior 4-year classes. Don't you want a little of this kind of breeding? In The 1914 Sale at Syracuse May 13-14 you will have the chance to get it at your own price.

You can hardly afford to miss the Banner Sale of a year of great sales. Look us over before the sale.

JOHN ARFMANN

FAIRMONT FARM MIDDLETOWN, N. Y.

The Stevens Herd Consignment

to the Breeders Sale

SYRACUSE, N. Y.

MAY, 5th and 6th 1914

Look them over before the sale, nine good, young cows and two springing heifers

The cows are three good daughters of Fayne Sir Mutual De Kol No. 38243. One fresh and two springing by Albina Butter Boy No. 64755 one of the best young sons of De Kol 2d's Butter Boy 3d. A sister to these three cows that we sold in the January sale, has since made over 30 lbs.

A coming three-year-old daughter of Albina Butter Boy from a 23-lb. three-year-old daughter of Nancy Pledge Princess 32.40 and over 100 lbs. of milk per day for thirty days. This heifer made 16.42 last fall as a two-year-old and was bred February 3rd to Spring Farm King Pontiac 6th.

Four daughters of Oakland Sandes Burke No. 46780. Big, straight, low down, big barrel, square uddered, heavy milking young cows. Three will be fresh, one springing, will try and test those that freshen. They are the old fashioned kind. BURKES. If you buy one of them you will wish you had bought them all.

A big handsome daughter of Pontiac Hengerveld Parthenea, served January 16th to Spring Farm King Pontiac 6th. You know she is a sister to Agatha Pontiac A. R. O. four-year-old 36.90 the World's record. Her appearance, her breeding and the calf she is carrying are all the recommend she needs.

The two heifers are, one a well bred daughter of Korndyke Butter Boy No. 38496, the other a high bred daughter of Walker Korndyke Segis No. 50347. Her dam is a full sister to Copia Hengerveld 2d's Buttercup, junior two-year-old semi-official record of 18,348 lbs. of milk, 849.96 lbs. of butter, ex-world's record. Both due to freshen in about six weeks by Spring Farm King Pontiac 6th.

All but one or two of these animals have good official records but nowhere near their limit. In the January sale we sold three to one man, their records were, one 20 lb. three-year-old, one 15 lb. two-year-old and the other a 13-lb. two-year-old; since then they have all freshened and been tested again, the 20 lb. three-year-old made over 30 lbs., the 15 lb. two-year-old made between 22 and 23 lbs. and the 13 lb. two-year-old made over 34 lbs. as a junior four-old with second calf.

That's the kind we sell.

HENRY STEVENS & SON

BROOKSIDE STOCK FARM

LACONA, N. Y.

ESTABLISHED 1876 **175 HEAD**